VOLUME LIII March, 1955 No. 1

Bulletin of

UNION UNIVERSITY

JACKSON, TENNESSEE

One Hundred Twenty-First Year

FOREWORD

UNION'S PURPOSE is to train young men and women in an environment that makes for both high scholarship and Christian character. For more than one hundred years the college has been sending its graduates out to assume places of leadership in all fields of service.

Attendance at Union is a privilege, and this privilege may be forfeited by any student who does not conform to its traditions and regulations, or who is not willing to adjust himself to its environment.

FULLY ACCREDITED

by

SOUTHERN ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS

MEMBER AMERICAN COUNCIL ON EDUCATION

MEMBER ASSOCIATION AMERICAN COLLEGES

MEMBER AMERICAN ASSOCIATION COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS

and

TENNESSEE ASSOCIATION OF COLLEGES

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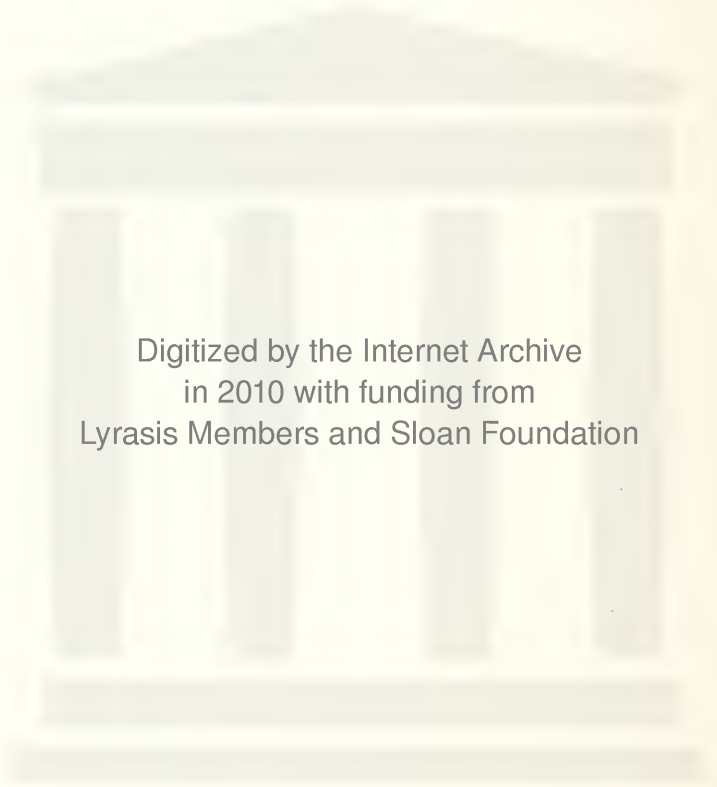

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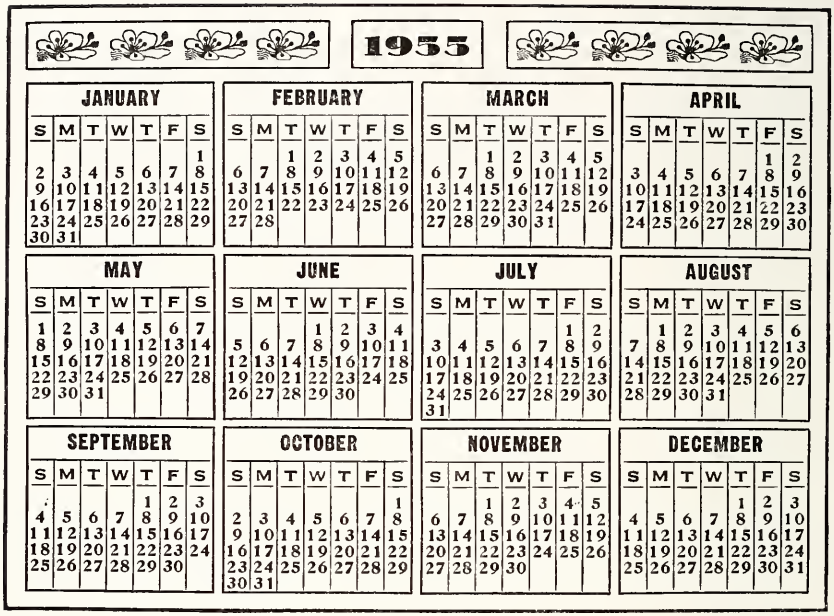
CALENDAR



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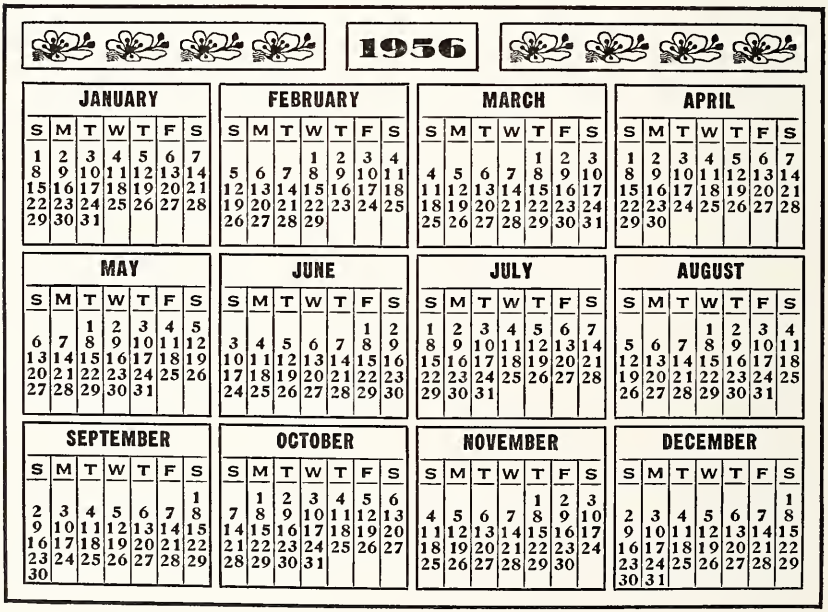

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UNION UNIVERSITY CALENDAR—1955-56

Summer Term, 1955

June 6, Monday.....Registration Summer Term
(Late registration fee of $5 after 5:00 p.m., June 6, and application of regulation on class absences.)

June 7, Tuesday.....Class work begins

June 10, Friday.....Last day for entering classes

July 9, Saturday.....First Summer Term closes

July 11, Monday.....Registration Second Summer Term
Class Work Begins

July 14, Thursday.....Last day for entering classes

August 13, Saturday.....Summer Term closes

First Semester, 1955-56

September 8, 9, Thursday, Friday.....Faculty Workshop

September 12, 13, Monday, (9:00 a.m.) Tuesday.....Counseling and registration of freshmen. (Late registration fee of $5 will be charged freshmen who do not arrive for the counseling period, Monday, September 12.)

September 14, Wednesday (8:00 a.m.).....Counseling and registration of upper classmen. (Late registration fee of $5 will be charged upper classmen after 5:00 p.m., September 14.)

September 15, Thursday.....Class work begins

September 15, Thursday.....Faculty and President's Reception

September 19, Monday (Chapel Hour).....Opening Convocation

September 19, Monday.....Fraternity rushing begins,
Closes Thursday, September 29

September 22, 23, Thursday, Friday.....Last day for entering Tuesday, Thursday, Saturday classes and Monday, Wednesday, Friday classes, respectively.

September 30, Friday.....Class Plays Contest

October 15, Saturday.....Last day for dropping a course without penalty. (See regulation—page 50)

November 17, 18, Thursday, Friday.....College Play

November 24-27 (Inclusive).....Thanksgiving Holidays

December 16, Friday (Chapel Hour)....Christmas Music Festival

December 17-January 2 (Inclusive).....Christmas Holidays

January 3, Tuesday.....Classes resume

January 16-20, Monday through Friday....Semester Examinations

Second Semester, 1955-56

January 25, Wednesday.....Registration for Second Semester
(Late registration fee of $5 will be charged after 5:00 p.m., January 25.)
January 26, Thursday.....Class work begins
February 2, 3, Thursday and Friday.....Last day for entering Tuesday, Thursday, Saturday and Monday, Wednesday, Friday classes respectively.
February 20-24, Monday through Friday.....Religious Emphasis Week
February 23 (Thursday).....Last day for dropping a course without penalty
March 22, 23, Thursday, Friday.....College Play
March 30-April 2 (Inclusive) Friday through Monday.....Spring Holidays
April 20, Friday.....Annual Citation Day and B. S. U. Homecoming
May 18, Friday (Chapel Hour).....Charles H. Strickland Oratorical Contest
May 19-22, Saturday through Tuesday.....Commencement Activities
May 20, Sunday.....Baccalaureate Service
May 21, Monday.....Alumni Activities
May 22, Tuesday.....Commencement Exercises
May 22-26 (Inclusive) Tuesday through Saturday.....Semester Examinations

Summer Term, 1956

June 4, Monday.....Registration, Summer Term
June 5, Tuesday.....Class work begins
June 8, Friday.....Last day for entering classes
July 7, Saturday.....First summer term closes
July 9, Monday.....Registration, Second Summer Term
Class work begins
July 12, Thursday.....Last day for entering classes
August 11, Saturday.....Summer School closes

Note: Terms shorter than eighteen weeks are made equivalent thereto by lengthened class hours and school days.

BOARD OF TRUSTEES

General Officers

D. A. Ellis, *President* — James Canaday, *Vice-President*

Robt. L. Orr, *Secretary*

Executive Committee

D. A. Ellis, *Chairman* — Paul Wieland, *Vice-Chairman*

Robert L. Orr, *Secretary*

W. A. Boston
W. S. Hall
Tom Patton
J. E. Sharp
Powers Smith
H. H. Waldrop

Term of Office Expires November, 1955

W. A. Boston, *Pastor*
Raleigh, Tennessee
James Canaday, *Pastor*
Jackson, Tennessee
H. H. Carter, *Businessman*
Memphis, Tennessee
C. C. Crouch, *Businessman*
Tiptonville, Tennessee
Robert Jelks, *Businessman*
Paris, Tennessee
Wallace Johnson, *Businessman*
Memphis, Tenn.
Russell Moore, *Physician*
Dyersburg, Tennessee
J. E. Sharp, *Pastor*
Bells, Tennessee
Jonas Stewart, *Pastor*
Somerville, Tennessee
H. L. Townsend, *Banker*
Parsons, Tennessee
H. H. Waldrop, *Attorney*
Jackson, Tennessee

Term of Office Expires November, 1956

J. B. Avery, Jr., *Attorney*
Alamo, Tennessee
C. G. Carter, *Businessman*
Memphis, Tennessee
Bruce Edenton, *Businessman*
Jackson, Tennessee
D. A. Ellis, *Retired Minister*
Memphis, Tennessee
Jerry Glisson, *Pastor*
Huntingdon, Tennessee
J. T. Hart, *Pastor*
South Fulton, Tennessee
Slater Murphy, *Pastor*
Memphis, Tennessee
Robert L. Orr, *Pastor*
Dyersburg, Tennessee
Bernard Scates, *Pastor*
Ripley, Tennessee
Powers Smith, *Businessman*
Henning, Tennessee
David Stewart, *Physician*
Brownsville, Tennessee

Term of Office Expires November, 1957

Paul Caudill, *Pastor*
Memphis, Tennessee

W. W. Cox, *Businessman*
Bolivar, Tennessee

W. S. Hall, *Businessman*
Jackson, Tennessee

Hayward Highfill, *Pastor*
Humboldt, Tennessee

G. T. Holland, *Businessman*
Jackson, Tennessee

E. T. Palmer, *Attorney*
Dyersburg, Tennessee

Tom Patton, *Farmer*
Jackson, Tennessee

Thomas Pope, *Pastor*
Martin, Tennessee

Z. B. Thompson, *Businessman*
Selmer, Tennessee

Fred West, *Businessman*
Jackson, Tennessee

Paul Wieland, *Pastor*
Trenton, Tennessee

OFFICERS OF ADMINISTRATION

WARREN F. JONES, 564 E. Main.....*President*

B.S., Georgetown College, 1921
M.A., University of Kentucky, 1937
One year additional graduate study, University of Kentucky and George Peabody College
LL.D., Georgetown College, 1945

H. H. BOSTON, 1200 N. Royal.....*Vice-President*
Capital Enlargement

Diploma, Hall-Moody Institute, 1917
Diploma, Southwestern Baptist School of Music, 1921
Th.M., Southwestern Baptist Theological Seminary, 1924
D.D., Union University, 1948

F. E. WRIGHT.....*Academic Dean*

A.B., Baylor University, 1942
M.A., George Peabody College for Teachers, 1948
Ed. D., George Peabody College for Teachers, 1954

LOUISE OAKLEY.....*Dean of Women*

A.B., Union University, 1936
M.A., Peabody College, 1945
Additional Graduate Work, University of Tennessee

FRANK M. BLYTHE, 310 N. Hays.....*Business Manager*

B.S., University of Oklahoma, 1926

GLADYS IVY STONE, 109 Rothrock.....*Registrar*

B.S., Union University, 1933

RUTH GIBBONS, Adams Hall.....*Librarian*

A.B., Union University, 1932
B.S., L.S., Peabody College, 1940

Administrative Assistants and Other Personnel

JOHN JETER HURT, 215 Rumson Road, Atlanta, Ga.....*President Emeritus*

Th.G., Southern Baptist Seminary, 1903
D.D., Union University, 1914
D.D., Wake Forest College, 1921
LL.D., Georgetown College, 1932

EMMA WATERS SUMMAR, 118 N. Hays.....*Librarian Emerita*

MABEL K. WARD.....*Assistant Librarian*

A.B., Carson-Newman College, 1932
Graduate work, Peabody College

TROY G. YOUNG, 596 E. College.....*Alumni Secretary and Director of Placement*

A.B., Union University, 1924
M.A., George Peabody College, 1933
Additional graduate work, Harvard University

LUCILLE ROGERS, Adams Hall.....*Admissions Counselor and Director of Public Relations*

A.B., Union University, 1926
M.A., Columbia University, 1944
Additional graduate work, University of Mississippi and University of Alabama

MRS. DEE RICE.....*Hostess, Crook Hall*

ETHEL F. LUCKEY.....*Hostess, Student Union Building—Dining Room*

LENA ROGERS.....*Hostess, Lovelace Hall*

ELIZABETH B. LOYD.....*Hostess, Adams Hall*

A.B., Union University, 1945

O. D. STONE.....*Manager, Bookstore*

VIRGINIA ADKINS.....*Secretary to President*

FRANCES MCCLURE.....*Secretary to Dean*

VIRGINIA BARHAM.....*Secretary to Registrar*

WILLIE MARGARET JOHNSON, B.S., M.S.....*Dietician*

ROY G. ELLIOTT.....*Bursar*

LUCY JAMES.....*Business Office*

JAMES A. STRATTON, Adams Hall.....*Superintendent of Buildings and Grounds*

GEORGE B. WYATT.....*College Physician*

B.S., Vanderbilt
M.D., Vanderbilt

J. F. RAY.....*Audio-Visual Education*

A.B., Union University, 1901
A.M., Union University, 1902
Th.M., Southern Baptist Theological Seminary, 1904
Additional Graduate Work, Southern Baptist Theological Seminary
D.D., Union University, 1921

FACULTY OF INSTRUCTION

ALLAN F. ARCHER.....*Head of Department of Biology*

A.B., Harvard University, 1931
M.A., University of Michigan, 1933
Ph.D., University of Michigan, 1936

*R. C. BRIGGS.....*Head of Department of Religion and Philosophy*

A.B., Southwestern State Teachers College, 1937
Th.M., Southern Baptist Theological Seminary, 1943
Th.D., Southern Baptist Theological Seminary, 1946

THOMAS O. HALL, JR.....*Acting Head of Department of Religion and Philosophy*

A.B., Hampden-Sidney College, 1945
B.D., Southwestern Baptist Theological Seminary, 1947
Th.M., Southwestern Baptist Theological Seminary, 1948
All residence work completed for the Th.D.

RALPH T. DONNELL.....*Head of Department of Mathematics*

A.B., Cumberland University, 1926
LL.B., Cumberland University, 1927
M.A., Vanderbilt University, 1937
Two years additional graduate work, University of Tennessee

JOHN HUGHES.....*Head of Department of Music and Art*

A.B., Southwestern, 1947
M.S., Julliard, 1949
Ch.M., American Guild of Organists, 1949
All residence work completed toward Ph.D. in Musicology, New York University
Organ Pupil of W. Townsend, Plymouth, England
Organ Pupil of Marcel Dupre, Paris, France
Additional Graduate Work in harmony under Oliver Messiaen, Paris Conservatory, Paris, France

WILLIE MARGARET JOHNSON.....*Head of Department of Home Economics*

B.S., Union University, 1928
M.S., Iowa State College, 1930
Additional graduate work, University of Chicago, 1948

KELLY THURMAN.....*Head of Department of English*

A.B., Western Kentucky State College, 1938
M.A., University of Kentucky, 1945
Ph.D., University of Iowa, 1950

*On leave, 1955-56

RICHARD HIRAM WARD.....*Head of Department of Social Sciences*

A.B., Carson-Newman College, 1933
M.A., George Peabody College, 1948
Ph.D., Peabody College, 1953
One year additional work at New Orleans Baptist Theological Seminary

TO BE SELECTED.....*Head of Department of Physical Education and Director of Athletics*

To Be Selected.....*Head of Department of Education and Psychology*

WARREN ADAMS.....*Acting Head of Department of Languages*

A.B., Baylor University, 1949
M.A., Baylor University, 1950
Additional graduate work, University of Texas and National University of Mexico

FRANCIS BRIDGES.....*Acting Head of Department of Business Administration and Economics*

B.S., U. S. Merchant Marine Academy, Great Neck, N. Y., 1944
B.S., Georgia Institute of Technology, 1949
M.S., Georgia Institute of Technology, 1950
Additional Graduate Work, University of Alabama

WU-CHIEH CHENG.....*Acting Head of Department of Chemistry*

B.S. in Chemistry, St. John's University, Shanghai, China, 1944
M.S. in Chemistry, Kansas State College, 1949
Ph.D. in Chemistry, Georgia Institute of Technology, 1954

WALTER KRUSCHWITZ.....*Acting Head of Department of Physics and Assistant Professor of Mathematics*

A.B., Taylor University, Upland, Indiana, 1942
M.A., Vanderbilt University, 1948
Additional graduate work, Vanderbilt University
University of Michigan

FREDERIC LUBRANI..... ASSOCIATE PROFESSOR OF MUSIC AND DIRECTOR OF BAND

B.Mus., Cincinnati Conservatory of Music, 1939
B.Sc., University of Cincinnati, 1939
M.M., Cincinnati Conservatory of Music, 1946
All graduate work completed for D. Mus. E., University of Cincinnati and Columbia University
Member of Frank Simon's Armco Band, 1936-39
1st Clarinetist, Huntington Symphony Orchestra, 1939-42
1st Clarinetist, Dayton Philharmonic Orchestra, 1948-51

DIXIE M. JONES.....*Professor of Education and Director of Guidance*

A.B., Blue Mountain College, 1927
M.A., George Peabody College, 1939
Ph.D., George Peabody College, 1943

FRANCIS E. WRIGHT.....*Professor of Education and Psychology*

A.B., Baylor University, 1942
M.A., George Peabody College for Teachers, 1948
Ed.D., George Peabody College for Teachers, 1954

WILLARD HENNING.....*Associate Professor of Biology*

A.B., Miami University, 1934
M.A., University of Missouri, 1937
Ph.D., Ohio State University, 1951

HARRIET HELEN BLYTHE.....*Assistant Professor of English*

A.B., University of Oklahoma, 1939
M.A., George Peabody College, 1949

M. R. CARRINGTON.....*Assistant Professor of Business Education*

B.S., University of Tennessee, 1950
M.S., University of Tennessee, 1952
Additional Graduate Work, University of Tennessee

MARION CROCKER.....*Assistant Professor of English*

A.B., Limestone College
M.R.E., Woman's Missionary Training School
M.A., George Peabody College for Teachers

CHARLES T. HENDERSON.....*Assistant Professor of Art*

B.S., Murray State College, 1949
M.A., George Peabody College for Teachers, 1952
Additional Graduate Work, Ohio State University

LOUISE OAKLEY.....*Assistant Professor of Elementary Education*

A.B., Union University, 1936
M.A., Peabody College, 1945
Additional Graduate Work, University of Tennessee

ROSA DYER RUTLEDGE.....*Assistant Professor of History*

B.S., Union University, 1927
M.A., George Peabody College, 1932
Additional graduate work, University of Wisconsin

GRACE WILLIAMS.....*Assistant Professor of Physical Education*

B.S., Alabama College, 1928
M.A., George Peabody College, 1932
Additional Graduate Work, Northwestern University

ELIZABETH BRELAND LOYD.....*Instructor in Speech*

Graduate diploma, Ruth Bale, Whitworth College, 1922
Additional study, Curry College, Boston; Alviene University of the Theater, New York; American Academy of Dramatic Art; Columbia University
A.B., Union University, 1945
Additional graduate work, University of Tennessee, 1951

JOHN WOODS.....*Instructor in Piano*

B.M., Oklahoma Baptist University, 1949
M.M., Indiana University, 1953
Additional Graduate Work, University of Oklahoma

SHIRLEY VAVRA.....*Instructor in Voice*

B.M., University of Louisville, 1951
M.M., University of Indiana
Additional Graduate Work, University of Indiana

PART-TIME INSTRUCTORS

LOWELL ADAMS .....*Bible*

A.B., William Jewell College
M.A., Southern Baptist Theological Seminary
Th.D., Southern Baptist Theological Seminary

WILLIAM BADGETT .....*Accounting*

B.S. in Accounting, University of Tennessee, 1948
C.P.A., State of Tennessee, 1951

JAMES DIAMOND.....*Business Law*

L.L.B., Vanderbilt University, 1950

CARIN A. STEWART.....*Instructor in German*

University of Berlin
University of Frankfurt
University of Mainz
All residence work completed for Ph.D., University of Mainz

FACULTY COMMITTEES

Discipline

Academic Dean, *Chairman*
Dean of Women
Instructor Involved

Athletics and Health

Ralph Donnell, *Chairman*
Director of Athletics
Business Manager
Academic Dean

Guidance

Academic Dean, *Chairman*
Dixie M. Jones, Director of Guidance
Registrar
Dean of Women
Head of Department of Education

Administration Curriculum and Instruction

Academic Dean, *Chairman*
Registrar
All Department Heads

Curriculum

Ralph Donnell, *Chairman*
Academic Dean
*R. C. Briggs
Francis Bridges
Louise Oakley
John Hughes
R. H. Ward
Marion Crocker

*On leave, 1955-56

Library

Harriet Helen Blythe, *Chairman*
Rosa Dyer Rutledge
Warren Adams
Head Librarian

Social Committee

Dean of Women, *Chairman*
Ruth Gibbons
Hostesses of All Dormitories

Placement Committee

Department of Religion and Philosophy

Teacher Placement Committee

Alumni Secretary, *Chairman*
Head of Department of Education
Registrar
Max Carrington

Committee on Admissions

Academic Dean, *Chairman*
Registrar
Admissions Counselor

GENERAL INFORMATION

About Union University

The College and Its Resources

Student Life

The true purpose of education is to cherish and unfold the seed of immortality already sown within us; to develop, to their fullest extent, the capacities of every kind with which the God who made us has endowed us.

Anna Jameson

ABOUT UNION UNIVERSITY

Objectives

In keeping with its character and heritage throughout more than one hundred years, Union University continues to subscribe to the purposes of those who founded it and those who have through the years nurtured it. The ultimate objective is the full development of the total personality. Primary essentials to this end are the recognition that "The fear of God is the beginning of wisdom"; that in the lifelong, continuous process of education, the search for truth is an inherent quality; and that the proper relating of all truth to the divine concept is the climactic achievement of the educated individual.

Central in the purposes of Union University are high scholarship and Christian character preparatory to leadership in varied fields of service. More specifically, the college acknowledges its dependence upon, and loyalty to the Baptist denomination and holds high the responsibility and privilege of developing in Baptist young people a deepening sense of denominational appreciation, a comprehensive vision of stewardship, and an academic and spiritual preparation for denominational service.

The college is ever concerned with developing in young people consideration for the rights of others; a sense of poise, refinement, and culture that enables one to move with ease in the social group; a recognition of the dignity of work; a deep regard for the sanctity of marriage and the home; appreciation of the æsthetic in our culture; and an awareness of the value of health, both physical and mental.

Union University adheres academically to the liberal tradition on the thesis that it is concerned with qualities of mind, rather than just an arrangement of courses or the amassing of facts. Basic principles as found inherent in human conduct and activity serve as the motivation for seeking to teach young people to think; to guide them in the development of understanding; to direct them in the cultivation of insight; and to influence them in their actions in order that they may be fitted for living in, adjusting themselves to, and becoming effective toward changes for betterment of a contemporary world.

History

Union University is the descendant and heir to two earlier institutions —West Tennessee College at Jackson and Union University at Murfreesboro. As a college it had its beginning in the provision of the North Carolina compact in ceding Tennessee to the United States

government to be made into a new state. It was provided that there should be two colleges established, one each in East and West Tennessee, and certain public lands were set apart to that end. In 1846 an act of Congress was passed extinguishing the title to unappropriated lands south and west of the congressional reservation line, and the $40,000 arising from the sale of these lands was set apart as an endowment fund for West Tennessee College, located in Jackson.

The college was chartered in 1846 by an act of Congress signed by James K. Polk as president of the United States. Hon. Milton Brown represented this district at the time and Andrew Johnson and Jefferson Davis were members of the Congress that passed the enabling act. The charter was also granted upon the authority of an act of the Tennessee Legislature at which time Aaron Brown was Governor. Hon. Harvey Watterson, father of Col. Henry Watterson, president of the Tennessee State Senate, signed the enabling act. It is rare, indeed, if not without parallel, that an institution of learning should have as its godfathers a President of the United States, an American Congress, a State Governor and State Legislature, and as afterwards happened a State Baptist Convention.

In the year 1845 the Baptist General Assembly of Tennessee resolved to establish and endow a college known subsequently as Union University. The institution was located at Murfreesboro. During the years from 1861 to 1866, inclusive, the college was suspended on account of the Civil War.

It was reopened in 1866 and continued until 1873, when an epidemic of cholera and other causes led to a suspension of all work. On the 10th day of April, 1874, a convention was called at Murfreesboro to consider the question of re-establishing a college for the entire state, and a committee was appointed to locate it. Jackson was selected as the best site.

On August 12, 1874, the Tennessee Baptist Convention appointed a Board of Trustees consisting of thirty-five members. The institution was rechartered by the State on June 25, 1875, under the name of the Southwestern Baptist University. On August 5, 1890, the campus, known prior to 1875 as West Tennessee College, was deeded.

At a meeting of the Board of Trustees, September 17, 1907, the name of the University was changed from Southwestern Baptist University to Union University, the name given in its organization in 1845.

In the fall of 1925 the Board of Trustees deeded all the property of the University to the Tennessee Baptist Convention, and secured a new charter which vested all rights and authority in the Convention, which appoints all of the trustees. In 1927 the Hall-Moody Junior College was

consolidated with Union University and its records transferred to Union University.

Union University has had the following presidents (no record of the presidents of West Tennessee College):

Joseph A. Eaton, who guided the initial stages from the early forties until the formal opening of the college, January, 1848; from then he was president until his death, January 12, 1859; J. M. Pendleton, 1859-61; G. W. Jarman, 1865-71; Charles Manley, 1871-72; G. W. Jarman, 1872-90; G. M. Savage, 1890-1904; P. T. Hale, 1904-06; G. M. Savage, 1906-07; J. W. Conger, 1907-09; I. B. Tigrett, 1909-11; R. A. Kimbrough, 1911-13; R. M. Inlow was elected June, 1913, but resigned soon after opening of fall term; A. T. Barrett, 1913-15; G. M. Savage, 1915-18; H. E. Waters, 1918-31; A. W. Prince (Acting President), 1931-32; John Jeter Hurt, 1932-45; Warren F. Jones, 1945—.

Location

Union University is located in Jackson, Tennessee, a city of 35,000 inhabitants. Jackson is centrally located in West Tennessee with adequate transportation facilities available by bus and railway. It is noted for its culture, beauty and educational advantages.

THE COLLEGE AND ITS RESOURCES

Campus and Buildings

Value

THE FOLLOWING STATEMENT as to the value of the College property is taken from the auditor's report:

Buildings, Grounds, and Equipment	$1,219,514.61
Endowment	515,685.12
Total	$1,735,199.93

The Tennessee Baptist Convention appropriates money each year to the college for current expenses. The amount received last year was approximately $90,000, which is equivalent to the income from an additional endowment of $3,000,000.

Grounds

The campus proper of the University, containing approximately 10 acres, is located in the eastern part of the city within four blocks of the business district.

Buildings

Adams Hall—Adams Hall is a dormitory for men. On August 13, 1918, the front part of Adams Hall was destroyed by fire, but was rebuilt, and made better and more modern than before. Since July, 1945, the building has been completely repaired and redecorated.

Everette Lovelace Hall—This dormitory for young women is a home-like, three-story building, sufficiently large to house fifty girls comfortably.

Joseph A. Crook Hall—The young women's home on the south campus, was erected in memory of the late Dr. J. A. Crook, who was a member of the Board of Trustees for forty years. This modern fire-proof, two-story building has recently been renovated. It is sufficiently large to accommodate fifty occupants comfortably.

Barton Hall—This is the Administration building and contains the administrative offices, classrooms, Powell chapel, and two fraternity rooms.

The Mary Sue Tigrett House—This building is of Dutch Colonial design and at present is being used as a faculty residence.

Library and Reading Facilities—A new library was opened in the fall of 1947. There are about 25,000 volumes, besides pamphlets, including the T. T. Eaton bequest. The reading room contains the leading magazines, religious periodicals, and daily papers. The Jackson Free Public Library is within four blocks of the University, on College Street, and our students have free access to it. The library is rapidly being enriched for greater usefulness.

The Athletic Field—During the session of 1937-38 Union deeded to the City of Jackson its football field, on condition that the city erect a stadium at a cost of $40,000, which is just across the street from Union's campus. There are seating accommodations for 5,000 people in concrete stands, and a modern cinder track circles the grounds. The field has been well graded, and is covered with a beautiful turf.

Gymnasium—The gymnasium is under construction adjacent to the athletic field and will be completed during the current school year. The seating capacity will be from 2,500 to 3,000. This building will serve as the physical and health education center and will accommodate classes in this department as well as indoor sports.

Student Union—A new student union building was completed in 1953. It accommodates cafeteria, social and religious centers, music department, home economics department, bookstore, postoffice, guest room, and faculty apartments.

Science Building—The science building, located on the south campus, accommodates the departments of biology, chemistry and physics.

The Art Building—The art building, located on the south campus, accommodates the art department for lecture and laboratory.

University Health Service

IT IS THE AIM of the University to help the student maintain the highest possible standard of health. To this end the college employs a college physician and a registered nurse and maintains a sound physical training program for all.

Each student is given a physical examination by the college physician at the time of enrollment. This examination is repeated annually at the time of registration.

Athletes must be approved by the college physician before being permitted to participate in major sports. Examinations are repeated during and at the close of the period of participation in said major sports.

Persons found to be disease carriers, or who otherwise constitute a health menace to the school are asked to withdraw from the university.

No fee is assessed other than the medical fee as stated under expenses. A special room for the sick is maintained in each dormitory.

Each year the State Health Department makes available to the students and faculty the mobile unit for chest X-rays.

Student Insurance

Students may subscribe for accident insurance on a group basis at the rate of $5.00 per girl and $10.00 per boy per year. This covers various expenses up to $500.00 per accident.

STUDENT LIFE

Student Government

UNION UNIVERSITY maintains a modified form of student government. Through the cooperation of administrative, faculty and student representation, the interpretation of school policies and principles is effected. The student council serves as a governing board of student affairs.

Student Council

The membership of the student council is composed of a representative from each of the four classes, representatives from various organizations, and the president of the student body. Administration and faculty representatives act in an advisory capacity with the council. The purpose of the council is to provide a means of mediation for any problem that may arise from the student body and to be a nucleus for planning any sports, contests or events that will help build the morale of the school.

Fundamental Regulations

First. Students are not permitted to give entertainment during the college session, either on the campus or in the city in the name of the school or any department or organization of it, without consent of the president or faculty committee.

Second. Only bona fide students will be permitted to represent the college in public performances.

Third. The University is not responsible for any financial obligation incurred by a student organization, student, member of faculty, or employee unless authorized by the president or business manager in writing.

Fourth. All student residents of the dormitories voluntarily agree to observe the rules of conduct governing the residence halls.

Fifth. All students who receive grants-in-aid of any kind must maintain satisfactory scholastic standing as outlined on page 54.

Sixth. Fraternity Regulations

I. Pledging—1. All freshmen and transfers must have been in residence a minimum of two weeks before being pledged to any fraternity.

2. Fraternity rushing will begin on Monday following registration and close Thursday of the third week with the pinning party.

II. Initiation—1. To be eligible for initiation the student must be a bona fide student, carrying the minimum of 12 semester hours.

2. He must have passed all work the semester immediately preceding initiation.

3. He must have completed 12 semester hours with 12 quality credits in Union University.

4. A student's quality credits must equal the number of hours attained for any above the minimum 12 hours standing.

5. Names of the initiates must be presented to the registrar for processing for faculty approval at least three days prior to any stated faculty meeting.

6. No initiation may be held for any student enrolled in Union for the first time before the end of the third week of the second semester.

Seventh. No clubs, fraternities, or societies may be formed unless the faculty, on application, approves the design of such organizations, the rules by which it proposes to be governed, and the hours of meeting. The faculty reserves the right to limit or to disband any such organizations.

Eighth. It is required that all students establish their residence as a part of registration. For the maximum advantage to non-resident students educationally and socially it is desirable that they reside in the dormitories, particularly during the freshmen and sophomore years. However, they may be permitted to live in approved homes off the campus upon written request from parents or guardians approved by the administration. Students other than those withdrawing from school are not permitted to move from the dormitories at any time without written or personal request by parents approved in writing by the administration.

Discipline

First. The President of the University and the discipline committee are charged with the administration of discipline. They are empowered to rule in any irregularity pertaining to student life.

Note: It sometimes happens that a student's presence in a dormitory is inimical to the best interests of the hall, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases the interests of the hall as a home and sometimes of the individual himself,

demand that he change his residence. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation either before or while the student occupies the room without preferring any specific charge whatever. Only in such cases is room rent ever refunded. Students may petition for one's removal without stating charges, or of having their names known to any except the president and the dormitory hostess interested.

Second. Any student who marries secretly is indefinitely suspended as soon as the fact becomes known. The college considers that its duty to the student's parents requires it to discourage secret marriages in every possible way. Subsequent announcement of a marriage does not alter the penalty. Reinstatement may be granted only by the committee on administration.

Third. While the administration and discipline committee cannot assume full responsibility for the boarding students not on the campus, it reserves the right to make such regulations at any time as may seem advisable, and the violation of the regulations on the part of a student may deprive him of the privileges of the school.

Fourth. The administration and discipline committee will deal with all of the student organizations in the matter of discipline as with individuals.

Student Organizations and Activities

Religious Life

Emphasis is placed not only upon the training of the body and the mind, but also upon the development of the moral and religious nature. In chapel exercises, in class rooms, in every relation where the occasion arises, it is in accord with the policy of the college that emphasis be given to the need for and the value of Christian living.

Devotional life on the campus is fostered through noon-day prayer services and vespers. In addition a Religious Emphasis Week is observed annually. The college emphasizes the importance of continuous growth and development in Christian character.

Religious Organizations

Ministerial Society

The society makes a valuable contribution to the life of ministerial students on the campus.

B. S. U. Council

The Baptist Student Union Council has general concern for the religious activities of the school, and is the co-ordinating agency of these activities.

Y. W. A.

The Y. W. A. is an auxiliary of the Woman's Missionary Union for college women. Its meetings are held bi-monthly.

Intercollegiate and Intramural Athletics

INTERCOLLEGIATE ATHLETIC PROGRAMS are an integral part of American college life. At Union University athletics constitute a vital segment of the area of physical education and an integral part of the total college program.

During the fall and spring quarters, in particular, a program of competitive intra-mural sports is sponsored that opens the way for wide participation on the part of both boys and girls. Awards are given at the close of the year based on a point system employed throughout the intra-mural competition.

Union University believes that sports, both inter-collegiate and intra-mural, have definite educational values and that few agencies possess so much that is potentially good for character building in American youth. It holds membership in the Volunteer State Athletic Conference and adheres strictly to the eligibility regulations of this organization.

Clubs

Latin Club

Fifteen young men and women, sponsored by a member of the faculty, compose this club, which is both literary and social. Only students making a B average in Latin may belong.

Nestor

This is a literary club of thirteen upper classmen and is organized to promote special scholastic interest and attainments. When a vacancy is caused by the graduation of some member, a new member is elected as his successor from the upper classmen.

Hypatia

Hypatia is a literary club sponsored by the English department. It meets monthly and stimulates interest in literary matters.

The W. A. Owen Law Club

This club is composed of pre-law students and functions only when there is sufficient demand for it. It is sponsored by the history department.

Home Economics

The Home Economics Club is composed of all students who pursue home economics courses. The purpose of the club is to provide group study in the field.

The Mallory Mathematics Club

The club is composed of students who have completed two semesters of college mathematics. Its purpose is to stimulate interest in this field.

The Dramatic Club

This organization includes students who are interested in the drama. It sponsors all play production, including a play tournament, one-act play night, and major productions.

Allegro Club

The Allegro Club, made up of music majors and minors, is for the purpose of affording additional opportunity for students to receive training and instruction through both study and performance. The club holds its meetings monthly.

Prince-Davis Science Club

The purpose of this club is to further interest in science by student participation. Membership is open to majors and minors in chemistry, biology and physics.

Los Picaros

This club is composed of Spanish students and foreign students whose native tongue is Spanish. Its purpose is to foster interest in the Spanish language; to promote better understanding of the ways and customs of our Spanish-speaking friends; to take advantage of all cultural opportunities in the language field; and to encourage conversational Spanish.

The Rutledge Honorary History Club

This club serves as a proving ground for membership in Phi Alpha Theta. Either majors or minors, who take at least 18 semester hours in history, who have and maintain a 1.75 point average in history, and who have and maintain this same general average in all other subjects, are eligible.

Till Eulenspiegel

The German Club is an organization designed to promote interest in the German language and to foster a better understanding of German customs and traditions. Membership is open to students who have completed two years of high school or one semester of college German and who maintain an average of C in German.

Fraternities and Sororities

Social Fraternities

UNION has four national social fraternities—Alpha Tau Omega, Sigma Alpha Epsilon, Chi Omega, Zeta Tau Alpha. They have their own special activities and functions and add variety and charm to the college life.

Scholarship Fraternities

Alpha Psi Omega

Alpha Si Omega is an honorary dramatic fraternity. Membership is based on attainment in this area.

Phi Alpha Theta

Delta-Psi Chapter of Phi Alpha Theta, National Honorary Scholarship Fraternity in History, is the 119th chapter and the first in the state of Tennessee. Juniors or Seniors, who have had 12 semester hours of history and who have a minimum average of 2.1 points in history and 2 in two thirds of the remainder of their work, are eligible.

Student Publications

"Cardinal and Cream"

The "Cardinal and Cream" is the college paper edited and published by the students.

"Lest We Forget"

The "Lest We Forget" is the college year book published annually by the students.

Awards

THE ZETA TAU ALPHA AWARD of fifteen dollars to the senior of the June class graduating summa cum laude, with highest rank.

THE CHI OMEGA AWARD of fifteen dollars to the non-Chi Omega girl who makes the best record in psychology.

THE CHARLES H. STRICKLAND MEDAL established by Mrs. C. H. Strickland for the best orator in the senior class. This is an endowed medal.

THE ELIZABETH TIGRETT and the J. W. HUGHES MEDALS were established by the late Mr. I. B. Tigrett in memory of his mother and

Dr. J. G. Hughes in memory of his father, for the outstanding seniors each year in the June and August classes respectively. The awards are based on the following qualities and characteristics; citizenship, character, leadership, scholarship, school service. To be eligible for these medals a student must have attended Union University four years. These medals carry with them the highest honors of the senior class.

The M. E. Dodd Award on Expository Writing was endowed by Dr. M. E. Dodd in 1943. It is open to juniors and seniors who are members of the ministerial society. The papers are graded on thought, content, clearness of expression and manner of delivery.

The Milchrist C. Stanworth Music Medal is awarded to a member of the June graduating class who has studied music at Union University for two years and who can otherwise qualify. Audition is required and selection is based on performance in applied music, with theory as a factor in the decision.

ENROLLMENT

Admission

Financial Information

Financial Aid

The true greatness and the true happiness of a country consist in wisdom, in that enlarged and comprehensive wisdom which includes education, knowledge, religion, virtue, freedom, with every influence which advances and every institution which supports them.

Henry Giles

ADMISSION

General Requirements

Age. An applicant must be at least 16 years of age.

Character. An applicant must furnish satisfactory evidence of good moral character; and if transferring from another institution of higher learning, must present certificate of honorable dismissal.

Physical Examination. All students must take a general physical examination.

Scholastic Requirements

A student who meets one of the following conditions may be admitted:

1. For regular admission to the freshman class a student must be a graduate of an accredited high school or preparatory school with 16 units of which at least thirteen are in the fields of English, foreign language, mathematics, history and the social and natural sciences. This program should include three units of English, two units of mathematics, one unit of social science and nine units of electives. Students who plan to pursue the Bachelor of Science degree will be required to present a minimum of one unit in algebra and one unit in geometry. Not more than four units from a four-year high school nor three units from a three-year senior high school may be vocational or other non-academic courses.
2. A graduate of an accredited high school who does not meet all of the specific requirements for regular admission.
3. A graduate of a non-accredited high school whose scholastic rating is high may be admitted with the understanding that his high school credits can be validated after the satisfactory completion of one year of work at Union.
4. A student who has served in the armed services may present a high school equivalency diploma for admission. A mature student will be admitted on any state high school equivalency diploma, provided he makes satisfactory standing on standardized tests administered by the college.

NOTE: The academic load of a student admitted under paragraph two, three or four shall be subject to supervision.

Preliminary Entrance Requirements for Freshmen

High school graduates applying for admission to Union must secure an entrance certificate from the office of the dean.

Before this certificate can be granted the applicant must file the following information in the office of the dean:

1. A transcript of his high school work containing the following: (a) A recommendation of the applicant from his principal* or superintendent, and (b) A statement from the principal or superintendent giving the rank of the applicant in his graduating class.

2. A personality and ability rating sheet from the high school principal or superintendent.

Students Transferring from Another College

Before enrolling in Union, a student transferring from another college must present transcript of all his credits from the institution last attended.

Credits will be accepted from other recognized liberal arts colleges and universities if the work transferred is not too highly specialized and parallels satisfactorily the courses offered by Union. Credits for grades lower than C will be accepted, provided the average of the work transferred is C or above. In the event that the average of transferred work is lower than C, grades below C will be deleted accordingly.

A student who has been asked to withdraw from another college because of poor scholarship can be accepted only after an interval of one semester from the time of his dismissal.

Not more than 66 semester hours will be accepted from a junior college. A maximum of eight semester hours of extension work and/or correspondence work will be accepted from other institutions.

Registration

See University calendar for registration dates.

A student may not receive credit for a course for which he is not properly registered.

A student may register for a maximum of 12 semester hours on a three day schedule.

Dormitory students must carry a minimum of 12 semester hours except upon advice of the college physician or by consent of the dean.

FINANCIAL INFORMATION

Expenses

THE REGULAR SCHOOL YEAR is composed of two semesters.

The registration of a student signifies an agreement by him and his parents to fulfill the related financial obligations to the end of the semester in which the student is registered.

Expenses Are Due and Payable As Follows:

Plan Number 1—Semester in advance.

Plan Number 2—One-fourth at the beginning of the semester.
One-fourth at the middle of the semester.
Balance before semester final exams.
Satisfactory arrangements to be made with the bursar for Plan 2 as a special courtesy to the student.

Students having unpaid bills at the middle and at the end of the semester will not be admitted to the examinations until satisfactory settlements have been made. This rule will be adhered to strictly.

Tuition

Tuition for those taking less than a full course, $13.00 per semester hour for first three hours (includes all fees except laboratory fees). For second three hours, $11.50 per credit hour. For additional five hours, $10.50 per credit hour. Full rates for all above. The regular amount of tuition per semester is $140.00. This is based on sixteen semester hours. For each hour in excess of sixteen the charge will be $5.00. For auditing courses the charge will be $6.50.

Fine Arts

Students enrolled in the fine arts division only will not pay a matriculation or student fee, but will pay a registration fee of $3.00. All students pursuing courses in fine arts will be charged tuition for the semester as follows for two lessons a week:

Private Lessons, Voice	$72.00
Private Lessons, Piano	72.00
Private Lessons, Other Instruments	72.00
Private Lessons, All Music Subjects, Art, Drama, Special Coaching	72.00
Practice Rooms, one hour a day	9.00
Additional hour a day	3.00
Violin, maintenance fee	4.50

Condensed Table of Expenses

(Per Semester)

Tuition (minimum), Matriculation and Student Activity Fee	per semester	$140.00
Cafeteria tickets (minimum charge)[1]	per semester	112.00
Room Rent (minimum)	per semester	31.50
Medical Fee (for boarding students only)	per semester	5.25
College Yearbook (Annual) subscription (optional)		
Total (minimum) for the semester		$288.75
Total (minimum) for the school year		$577.50

NOTE: While it is possible for a student's total expenses not to exceed the minimum costs, it is probable that food costs will exceed this minimum cafeteria charge as listed above.

Graduation Fees

Diploma	$10.00
Cap and Gown (minimum fee)	3.00
Graduate Record Examinations (seniors)	5.00

Room Rent

(Each person per semester)

One-window room	$31.50
Two-window room	36.00
Three-window room	37.50
Four-window room	39.00

Laboratory Fees

A laboratory fee is charged each student who works in the laboratory to cover the cost of material consumed.

Art

	Per Semester
Art 213, 214	$ 4.50
All other courses, each	3.00

Biology

Courses 213, 314, 413, each	$10.00
All other courses, each	7.50

Chemistry

All chemistry courses	$10.00

Education

Courses 411, 412, 413, 414	$15.00

[1]Additional tickets may be purchased as needed. Cafeteria tickets are redeemable only for items placed on the Cafeteria food line.

Home Economics

Courses 111, 112, 113, 211, 213, 310, 311, 313, 314, 411, 412, 413	$ 3.00
Courses 212, 316	7.50

Mathematics

Course 114 (Surveying)	$ 1.50

Physical Education

Courses 113, 213, 313, 413, 318	$ 3.00

Physics

Courses 111, 112, 211, 212, 319, 320	$ 7.50

Secretarial Science

Courses 111, 112, 211, 212	$ 6.00
Course 413	3.00

Late Entrance Fees

A late entrance fee of $5.00 will be charged those not completing their enrollment through the bursar's office by the date specified in the calendar.

Deposit Fees

Each student living on the campus, and those enrolling in physics, biology, or chemistry, makes a contingent deposit of $10 to cover breakage or damage for which he may be held responsible. The whole or any unexpended part of the contingent deposit will be refunded when the student graduates or definitely withdraws from the University without graduating, provided the student has not previously left the University without permission. From time to time, as circumstances require, demand will be made for restoration of the contingent deposit to the original amount, in the event damage charges have reduced the deposit. This deposit covers laboratory breakage, key deposit, and any other miscellaneous items for which special payment may be due from the individual student.

Refunds

Room rents, matriculation fees, student fees, maintenance fees, and room reservation fees *are never refunded.* Board is refunded only to students who must withdraw from college. No fraction of week considered. No refund may be claimed for board for the last week of any term.

Tuition is refunded, provided that no refund will be considered for less than one month's absence in any term, and full month's tuition will be charged for any fraction of month that the student may be in attend-

ance. Refund of tuition in cases of withdrawal from school for disciplinary reasons is left to the discretion of the administration. Students in refusing to conform to the disciplinary rules of the school forfeit all claim for refunds.

No refund will be made for reduction in number of credit hours after the lapse of three weeks of the term.

The claim for refund will be considered only from the date the bursar is notified in writing of absence. Where possible the bursar should be notified in advance. No claim may be made for time preceding such notification.

Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacation in order to claim his contingent deposit.

It will be observed that all of the above rules and regulations put the responsibility upon the student. He saves money and avoids misunderstanding by seeing the business manager or bursar immediately.

Equipment

All equipment such as musical instruments, athletic equipment, microscopes, etc., are charged in the business office direct to the respective departments. Each student will in turn be charged for any equipment issued to him. When it is returned in good condition, he will be given credit accordingly.

By order of the Board of Trustees no equipment is to leave the campus, unless in the care of the faculty member responsible for it.

FINANCIAL AID

Scholarships

J. J. Hurt Scholarship Fund

A scholarship fund established in 1945 by President-Emeritus John Jeter Hurt and his sons, available to students who satisfy scholarship requirements to be set up by the donors.

Norton Ministerial Aid Fund

Because of their concern for students who have dedicated their lives to special religious service, Mr. F. L. Norton, now deceased, and daughter, Mrs. R. W. Norton, in 1945 established a fund for these worthy students.

The Clarence E. Pigford Memorial Scholarship

Mrs. Clarence E. Pigford has given to the University the sum of $5,000.00 to create a perpetual scholarship to be known as the Clarence E. Pigford Memorial Scholarship. The annual returns from this investment shall be donated to some worthy young man or woman. This is a memorial to one of the University's most distinguished alumni.

Spight Fund

Through a bequest of the late W. R. Spight, noted alumnus of Union University, there has been established an endowment fund amounting at present to more than $125,000, the income from which is used to aid worthy ministerial students in accordance with the terms of Mr. Spight's will.

Christian Education Day Scholarships

In 1953, the Education Commission of the Tennessee Baptist Convention voted to allocate the funds contributed on the annual Christian Education Day to the schools to be used during 1953-54 as grants-in-aid for students who have surrendered to full-time religious service; said funds to be distributed according to the discretion of each individual institution.

Addie McLean Scholarship, W. G. Guthrie Scholarship and Gene Carson Memorial Scholarship

These three scholarship funds are set up to provide assistance to worthy students who plan to pursue special full-time religious activities. Grants are made according to the discretion of college authorities.

Caroline Canaday Scholarship

A fund given by the Calvary Baptist Church in memory of Mrs. Caroline Canaday, the mother of James Canaday, pastor, for the purpose of assisting worthy students through college. The student is selected jointly by the pastor and the college authorities.

H. E. Watters Memorial Scholarship

Mrs. Ethel R. Watters, alumna of Union University, has established a fund of $1,000 to be used as a scholarship trust fund in memory of her late husband, Dr. H. E. Watters, who served as president of Union University for a period of thirteen years. The income from this fund will be used to aid students who have volunteered for Christian service and who can qualify as to need, scholarship and personal character.

Music Scholarships

A limited number of half or full music scholarships are granted to students to pay half or all the fees for private music study. Such scholarships are granted after proper application to the music department and after audition on a specified date.

The Mary Northington Scholarship

In March, 1954 the Woman's Missionary Union of Tennessee established a scholarship of $200.00 a year in honor of Miss Mary Northington to be presented by the local college scholarship committee to a young woman. The scholarship is awarded according to qualifications outlined by the Woman's Missionary Union.

Loan Funds

Walter Gray Fund

In August, 1918, Mrs. Sallie Patrick gave the college a sum of money to be used as a fund to be loaned to worthy students in memory of her deceased son, Walter Gray. Subsequently, additional gifts have increased the fund to $2,000.00.

Betty Sevier White Memorial Fund

The Betty Sevier White Memorial Fund was established in January, 1919, by her husband, Mr. Henry White, and son, Henry White, Jr., of Jackson, Tennessee. The establishment of this fund is a worthy tribute to one who had been active in her church life and in her interest in young people.

Lanier Fund

In September, 1920, Mr. W. J. Lanier brought to the President's office $1,500 in bonds, requesting that it be used in assisting worthy students, establishing a fund in memory of his father and mother, Mr. and Mrs. J. P. Lanier, and his daughter, Rubie Marie. Mr. Lanier has later made additions to this fund.

W. H. Nichols Fund

In April, 1921, Mr. W. H. Nichols established a fund to be loaned to young ladies studying for missionary work.

L. J. Brooks Fund

In May, 1921, Dr. L. J. Brooks, an alumnus of West Tennessee College (now Union University), established a fund of $1,060.00 in grateful recognition of his interest in his Alma Mater, and in young people who need assistance in obtaining a college education.

Waldrop Brothers Fund

In April, 1922, Messrs. Homer and Floyd Waldrop, students in Union University, established a loan fund of $500—a worthy monument to two worthy students.

Ministerial Loan Fund

A fund provided in recent years by the Baptist State Executive Board to be loaned to young ministers.

Class of 1922-23

The Class of 1922 established a fund of $1,000.00 as a class memorial. The Class of 1923 added $570.00 to this amount to be used for scholarship purposes for worthy students.

H. C. Sanders Fund

Because of his deep interest in Christian Education, Dr. H. C. Sanders has set up a loan fund for worthy young men and women, which now amounts to $1,392.00.

The Crump Fund

Mrs. W. O. Crump, being impressed with the possibilities of loan fund for rendering a great service to worthy young people, established a fund of $200.

Mrs. Alice Sturgis Auston Loan Fund

This fund was given to the college by Miss Lara Kendall in memory of her mother, Mrs. Alice Sturgis Auston, to be used to aid young women in securing a Christian education.

Hall-Moody—I. N. Penick Loan Fund

The trustees of Hall-Moody Junior College have transferred to Union University the loan funds of that college, amounting to more than $3,500, this fund to bear the name indicated. This fund is represented at present almost entirely by notes of students to whom it has been loaned. It will become available for students in Union as the notes are paid.

The Henry M. and Lena Myer Kahn Loan Fund

The Henry M. and Lena Myer Kahn loan fund of $1,000 was established in September, 1952, through the interest of Mr. Abe Waldauer, attorney of Memphis, who is a trustee of the Kahn estate.

Jarman Loan Fund

In affectionate memory of Reverend and Mrs. L. B. Jarman and

because of their interest in missionary students, Mr. Lawson Hughes established a student loan fund of $500 in 1952 to be known as The Jarman Loan Fund.

Samuel Williams Meek Loan Fund

In memory of Samuel Williams Meek, a loan for worthy students was established by his son Samuel W. Meek.

Other Funds

The following loan funds have been established in the names of the donors to be awarded to worthy students according to the discretion of the authorities of the college: Alexander Loan Fund, The Burnley Loan Fund, Savage Memorial Loan Fund, and the Roy McCollum Loan Fund.

Certain Sunday school classes in the First Baptist Church, Jackson, the Men's Sunday school class of the First Baptist Church, Clarksville, the West Jackson Church, and the W.M.U. of the Central Association have given funds which have made it possible for several students to remain in school. The late Miss Mabel Edenton established a fund of several hundred dollars. The Alma Fulghum Appleton Loan Fund for teachers was established by H. B. Appleton.

Still other funds established by individuals and organizations are: Cox, Ministerial, Crook, Chi Omega, Guy C. Hall, Metz, Missionary Girls, Hattie Mackey, R. K. Bennett, Crockett, Loan Fund for Girls, the Lydia Circle Loan Fund, and other friends whose names were withheld by request.

Regulations Governing Loans

The above funds, except those designated otherwise, are loaned under the following regulations: First, funds are available to students who have demonstrated their real worth in college. Class records and deportment in general are considered. Second, six per cent interest is charged. Third, at present, owing to the limited amount at our disposal, we must limit the amount loaned to any student to one hundred dollars a year. Fourth, students who do not have insurance protection or property must offer approved security. Fifth, the signature of parent or guardian is requested for students under twenty-one years of age.

Student Employment

The college and community offer opportunities for part-time employment to more than one-third of the student body. Individual earnings range from a few dollars to a few hundred dollars, according to the kind of work done. The president of the college assigns workships on the college campus. All other employment is handled by the office of the admissions counsellor.

ACADEMIC PROGRAM

Guidance and Counselling

Academic Regulations

Academic Requirements

Courses of Instruction

The purpose of liberal education is the development of understanding, the cultivation of insight, and the guidance of action so as to fit the student for living in; adjusting himself to; and becoming effectual toward changes for betterment in a contemporary world. Freedom and daring of thought are central in the whole process of liberal education.

W. F. Jones

GUIDANCE AND COUNSELLING

Guidance And Testing Service

Guidance and counselling have constituted an integral and important place in the program of every good teacher since the beginning of the art. Only recently, however, has this area of work become an organized procedure in our educational system.

Guidance at Union University consists of a program of activities dealing with all areas of student life in which the assistance of mature persons might be beneficial. A program of testing for freshmen, includes tests of general mental ability, English, and reading. On the basis of these tests, students are classified according to their needs, and remedial work in reading and English is offered. This service further provides for laboratory experience in reading on a developmental basis, which is open to all students. Available also in the testing laboratory are aptitude, achievement, general ability and various physical tests. Courses in psychological adjustment and orientation are offered, and a carefully planned program of counselling with reference to problems of a personal, educational and vocational nature is carried out.

A director of guidance co-ordinates the work, but all teachers and staff members are held responsible for guidance whenever and wherever it is needed. Care is exercised to encourage and lead students to accept their responsibilities in the adjustment and solution of their own particular problems.

Union University is authorized to administer the General Education Development tests to veterans and other adults 21 years of age or older.

Pre-Professional and Professional Curricula

Three-Year Pre-Professional Degrees

Students who complete the pre-professional requirements, the prescribed work for degree and three years residence in Union University before entering a school of medicine, pharmacy, dentistry, medical technology or law may receive the Bachelor Degree upon completing one year in an approved professional school. The work must be certified to Union University by the first of April preceding the commencement and the student must have been approved as a candidate by the faculty, upon application, by October 15, preceding.

Two-Year Pre-Legal Course

The two-year pre-legal course at Union University is designed to meet the requirements of most law schools in Tennessee and adjoining

states. In the event a change of plans or decision warrants continued college work over an extended period, the course follows the general plan of work leading to a degree.

	Semester Hours
English 111, 112, 211, 212	12
History 211, 212	6
Psychology 214	2
Political Science, Geography, Sociology, Economics	7
Science: Biology, Physics, or Chemistry	8
Foreign Language	14
Art, Drama or Music Appreciation	4
Religion	6
Electives	5
	64

Three-Year Engineering Course

by co-operative agreement with the University of Tennessee a student completing three years as outlined below may transfer to the College of Engineering at the University of Tennessee.

The following three-year program is suggested for students at Union University to be followed by two years in the College of Engineering at the University of Tennessee. Upon the successful completion of the first year of prescribed study at the University of Tennessee the student will be awarded the B.S. degree by Union University, and will receive the B.S. in Engineering from the University of Tennessee upon the successful completion of his second year of study:

Freshman Year

	Semester Hours
English 111-112	6
Chemistry 111-112	8
Mathematics 111-112	10
Art 111	2
Education 111	1
Engineering Drawing 111-112	4
Speech 213	3
Physical Education 111-112	1
Total	35

Sophomore Year

	Semester Hours
English 211-212	6
Mathematics 211-212	8
Physics 211-212	8
Engineering Drawing 211-212	4
Engineering Problems 115	2
Religion	6
Physical Education 211-212	1
Total	35

Junior Year

	Semester Hours
Physics 315-316 (4) or Chemistry 311-312 (8)	4 or 8
Mathematics 313-314-414	8
History 211	3
Psychology 214	2
Economics 211-212	6
Elective Fine Arts	2
Elective in Social Science	2
General Electives	4 or 6
Total	33 or 35

Students who wish to study Chemical Engineering should take a second year of chemistry; those who wish to take Industrial Engineering should elect a year of accounting.

Three-Year Pre-Medical Course

The University of Tennessee School of Medicine and Vanderbilt University require three years of College work for entrance into the school of medicine. Medical schools, in general, emphasize the need for a broad deep, cultural background in preparatory work, preferably the bachelors degree, with special emphasis on the subjects in the following outline.

	Semester Hours
Chemistry 111, 112, 311, 312	16
Mathematics 111	5
Biology 111, 112	8
English 111, 112	6
French or German	14
Physics 211, 212	8
Psychology 213	3
Electives	36
	96

Two-Year Pre-Dental Course

	Semester Hours
Chemistry 111, 112, 211, 311, 312	20
Mathematics 111	5
Biology 111, 112, 213	12
English 111, 112	6
Physics 211, 212	8
Electives	19
	70

One-Year Pre-Pharmacy Course

	Semester Hours
Chemistry (must include qualitative analysis) 111, 112	8
English 111, 112	6
Mathematics 111, 112	10
Biology 111, 112	8
Economics or History or Psychology or Sociolgy or Political Science	4
	36

Medical Technology Course

	Semester Hours
Biology 111, 112, 213	12
Chemistry 111, 112, 211, 311, 312	20
English 111, 112	6
Mathematics 111	5
Electives	27
	70

Teacher Education
(Tentative Program)

Union University accepts teacher education as one of its objectives. The program for teachers as outlined below is in conformity with the new regulations for certification of teachers in Tennessee adopted by the State Board of Education, August 15, 1952.

Program for Teachers

I

Elementary and High School

The work of the freshman and sophomore years is the same for all groups. The work of the junior and senior years is differentiated for teaching positions in elementary and high school areas. Students completing the freshman and sophomore years as outlined below will meet curriculum requirements for the Teachers Emergency Certificate in Tennessee. Prospective teachers must also possess basic character and personality qualifications.

Freshman Year

	Semester Hours
English 111-2	6
Natural Science	8
*Mathematics 111, 113	7
or	
Foreign Language	8
Art 111	2
Geography 213	2
**Physical Education 111-2 (Health)	1
Education 111	1
Music 216	2
Religion 111 or 216	3
Electives	1-2
Total	32-34

*Mathematics 113 and foreign language required for A.B. degree.

**Students excused from required physical education will elect other courses in health education.

Sophomore Year

	Semester Hours
English 211-2	6
Natural Science	8
or	
Mathematics	8
or	
Foreign Language	6
*Physical Education 211-2 (Health)	1
History 212	3
Psychology 213, 214	5
Education 213	2
Political Science 211	3
Physical Education 324, 325	4
Electives	1-3
Total	31-34

II

Elementary Teachers

Students who continue the curriculum for teachers through their junior and senior years and complete the work as outlined below will meet requirements for a Teachers Provisional Certificate in Tennessee, grades 1-9.

A. All requirements for the A.B. or B.S. degree: The professional work required in the sophomore year, plus the 22 semester hours under B (below) will meet requirements for a major in elementary education.

B. Twenty-two semester hours of professional work: Psychology 313, 314; Education 311, 313, 315, 316, 319, 411, 412.

C. Twenty-eight semester hours in the subject fields below, inclusive of courses that may have been taken as electives in the freshman or sophomore year;

1. *Language Arts; English 216; Speech 213
2. Science and Conservation: **Physical Science 213, Economics 416
3. Humanities: Art 215; Music 457
4. Health and Physical Education: Home Economics 113; Physical Education 220
5. Social studies: Geography 311; Tennessee History 315
6. Mathematics: Education 314

*A semester hour of Library Service is included in Education 319.

**If a year of Biology is taken; if a year of Chemistry or Physics is taken, Biology 111 must be taken.

III

Secondary School Teachers

Students who continue the teacher curriculum throughout their junior and senior years and complete the work as outlined below will meet requirements for a Teachers Provisional Certificate in Tennessee, in selected subject fields, grades 7-12.

A. All requirements for the A.B., B.S., or B.M. degrees. A student preparing to teach in Secondary School will select a major in the area in which he plans to teach.

B. 24 semester hours of professional work:
   1. Required courses 23 semester hours
      (a) Psychology 213, 313; Education 213, 316, 318, 319, 320
      (b) 2 semester hours materials and method courses and 6 semester hours of practice teaching in subjects in which the student will be certificated.
   2. Elective 3 semester hours
      Education 317, Psychology 318

C. Since the number and distribution of semester hours required in each of the subjects, in which it is desired to certificate, will vary among the different subject fields, the student will plan his work in consultation with his advisor and a member of the department of education.

Transition to New Program
State Board of Education Rules and Regulations

1. All permanent certificates in effect September 1, 1953, remain in full force as provided by the certificate.
2. All persons who began college training prior to January 1, 1951, may apply for and obtain certificates at any time prior to September 1, 1953, by complying with statutes, rules and regulations which were in effect on January 1, 1951.
3. All persons who began college training before September 1, 1953, and who apply before September 1, 1955, may obtain a nonrenewable elementary certificate valid for a period of five years by complying with statutes, rules and regulations which were in effect on January 1, 1951, for the permanent elementary certificate.
4. All persons who began college training before September 1, 1953, may obtain the Teachers Provisional Certificate endorsement, grades 7-12, in such subjects and/or areas where statutes, rules and regula-

tions in effect on January 1, 1951, have been met, provided the bachelor's degree has been obtained by September 1, 1958.

Religious Education

THERE APPEARS to be an enlarging field of service for church secretaries, music and religious education directors or a combination of these. Union University seeks to serve the interest of the churches by providing opportunity for training on the college level in these various areas.

The following suggested areas of study are a composite from which students may choose in accordance with their major fields of interest. These areas primarily include the fields of English, Music, Secretarial Science, Religion and Religious Education. The individual, in conference with his adviser, will choose his areas of concentration in accordance with his specific purposes in preparation.

Placement Bureau

ALTHOUGH a considerable number of each senior class at Union go on to graduate study for one or another of the professions, many enter directly upon their careers. For them a placement committee composed of the Alumni Secretary, Registrar, and Head of the Department of Education makes contacts schedules, interviews with representatives of business and industrial firms and school officials. Each year the committee is successful in placing most of the graduates in the careers of their choice.

ACADEMIC REGULATIONS

Definition of Terms

Credit Hour

THE UNIT for counting credit is the semester hour. A semester hour is defined as an hour of class work a week, or its equivalent in laboratory, pursued for one semester. (A semester is approximately 18 weeks.)

Grades and Quality Credits

All work is graded by letter which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, F below 65. A, B, C, and D are passing grades; F is failure. A failure can only be removed by repeating the course in class. P, indicating incomplete work, or absence from examination by excuse, must be made up within the next quarter of the student's residence; otherwise, the incomplete grade becomes a failure. WP is withdrawal from a course and signifies that the student was passing the course at the time of withdrawal. Such withdrawal is given during the period allowed for officially dropping a course. Such withdrawal may be granted by the dean at any time after this period if the student meets conditions as stated under regulations concerning dropping of classes. WF is withdrawal from a course and signifies that the student was failing the course at the time of withdrawal.

The various grades with their corresponding quality credits are shown below:

A—3 quality credits for each hour of credit
B—2 quality credits for each hour of credit
C—1 quality credit for each hour of credit
D, F, and P carry no quality credit. Two quality credits shall be subtracted for each hour of F grade and WF.

For graduation a student must present a minimum of 128 semester hours and 128 quality credits. When more than 128 hour credits are presented, the number of quality credits must equal the number of hour credits.

Student Classification

Students will be classified as follows:

FRESHMAN—A student who has no conditions required for entrance and who is carrying at least 12 hours of work.

SOPHOMORE—A student who has at least 24 hours of college work to his credit.

JUNIOR—A student who has at least 56 hours of college work to his credit.

SENIOR—A student who has at least 86 hours of college work to his credit.

Major and Minor

A major consists of 24 hours in a single department. A minor consists of 18 hours in a single department. Ten hours of a major and 6 hours of a minor must be done in junior and senior courses.

Dean's List

Students who make an average of B or above with not more than one C for the semester are placed on the semester honor roll, the Dean's List.

General Academic Regulations

Change of Classes

A STUDENT making a change in his class schedule after completion of his registration will complete this procedure:

1. Obtain proper forms from registrar's office.
2. Secure the signatures of adviser and of the professor in whose class he is enrolling.
3. Present to the dean for final approval.
4. Secure the bursar's stamp.

Fees as specified on the change card are payable for all changes in class schedules except when such changes are requested by the dean.

No change may be made in classes after one and one-half weeks of the term have elapsed.

Dropping of Classes

COURSES may be dropped after the fourth week without penalty under the following circumstances:

1. Extreme illness, in which case a physician's certificate approved by the college physician must be submitted and approved by the dean.
2. Other circumstances beyond the student's control, approved by the dean.

In the event of the above conditions the student shall receive the grade of WP (signifying passing at the time of withdrawal) or the grade of WF (signifying failing) as indicated by the instructor.

All withdrawals without the dean's permission will receive WF in all courses pursued.

Students will be allowed to withdraw after 14 weeks under conditions stated in (1) and (2) and will receive P (postponed grade) in all courses.

Loss of Credit

ANY STUDENT leaving a freshman subject in the *prescribed group* until the senior year shall receive one hour less credit each semester for the delayed work.

Scholastic Regulations

A STUDENT must maintain a satisfactory scholastic standing in order to remain enrolled in Union University.

Satisfactory scholastic standings are:

Freshman ..... .75
Sophomore, Junior, Senior..... 1.0

A student failing to attain scholastic standing requisite for his classification is automatically placed on scholastic probation. He is given one semester to remove probation.

Failure to remove probation will result in suspension for one semester.

A student readmitted following such suspension will be allowed one semester to remove probationary status. Freshmen readmitted after suspension and who remove scholastic probation are granted one additional semester to meet satisfactory scholastic standing for sophomore classification.

Failure to remove scholastic probation the second time is equivalent to exclusion.

A student may appeal to the dean to appoint a committee to review his case before he is excluded from the university.

Honor Students

STUDENTS making an average of 2.5 or above during their college career graduate as honor students, as follows: 2.50-2.66 cum laude; 2.67-2.83 magna cum laude; 2.84 and above, summa cum laude.

Numbering of Courses

THE COURSES in the different departments are numbered from 100 to 500.

Courses from 100 to 199 are freshman courses.
Courses from 200 to 299 are sophomore courses.
Courses from 300 to 399 are junior courses.
Courses from 400 to 499 are senior courses.

Size of Classes

EXCEPT under extreme circumstances, classes will be composed of a minimum of 10 to 12.

Regulations Concerning Quantity of Work

FRESHMEN may not register for more than seventeen hours, including physical education, during their first semester, except those who have

a superior high school record and a superior rating on tests administered by the college. After this time they may register for not more than seventeen hours unless during the preceding quarter they made an average of B or above. The maximum number of hours for any student is eighteen.

Class Absences

A STUDENT who is absent from class more times than the number of periods the class meets per week will be charged with one-half semester hour per course missed, this negative hour to be charged against the total number of hours for which the student is enrolled. If he is absent more than twice the number of times the class meets per week, he will be charged with an additional one-half semester hour per course missed.

A student who is absent three times the number of periods the class meets per week will be automatically dropped from the class. Upon recommendation of the discipline committee, he will be dropped without penalty. If not approved by the discipline committee, he will be dropped with failures in the courses missed.

This rule does not apply to members of student body absent as approved representatives of the school; in such cases absences from chapel and classes are not counted except that work must be made up.

Exceptions to the rule on absences may be made in extreme cases for students losing credit, all of whose absences are caused by illness or equivalent. In such cases, written appeal may be made to the dean for consideration by a faculty committee.

Chapel Absences

All students are required to attend the regular chapel exercises a specified number of times each week.

If the number of absences from chapel in any semester exceeds the number of times the student is required to attend each week, the student will be charged with one-half semester hour. If the number of absences more than doubles the number of times he is required to attend each week, he will be charged with an additional one-half semester hour.

If the absences triple the number of times he is required to attend each week the student will be automatically suspended from school the remainder of the semester unless reinstated by the discipline committee.

Absences from Class and Chapel Immediately Preceding and Immediately Following Stated Holidays Will Be Charged as Double Cuts.

The administration reserves the right to deny the privilege of unexcused absences (cuts) to students on academic probation.

ACADEMIC REQUIREMENTS

Graduation Requirements

General Requirements

THE TOTAL NUMBER of semester hours required for graduation is 128. Of this total 42 hours must be junior and senior courses.

Degrees Offered

Union University offers three degrees—Bachelor of Arts, Bachelor of Science, and Bachelor of Music.

A student may have both the Bachelor of Arts and Bachelor of Science degrees conferred when the requirements of both have been met fully, provided that he has a minimum of thirty hours to offer, over and above that required for the first degree. See page 45 for information regarding Arts-Medical, Arts-Dental, Arts-Pharmacy, Arts-Law degrees.

Minimum Attendance

Time, as well as hours of credit, is required for graduation. A minimum of seven semesters of residence in an approved college is required for graduation. Of this time two semesters must be done in residence at Union University. All work of the semester preceding graduation must be done in Union, except that of Pre-legal, Pre-medical, Pre-technological, Pre-dental, and Pre-pharmaceutical students.

Work in Residence

Transfer students are required to take in residence at Union six semester hours in their major subjects and four semester hours in their minor subjects.

Minimum Amount of Language and Science Allowed

No credit toward graduation will be given for less than a year of language taken in college, unless the student has as much as two high school credits in the same language. No credit toward graduation will be given for less than a year of freshmen chemistry and physics.

Maximum Hours Allowed in a Subject

The maximum number of hours allowed in any one subject field is 36.

Application for Graduation

Application for enrollment in the section of the senior class graduating in May or June should be filed in writing with the registrar not later than the beginning of the second semester.

Faculty Approval

All candidates for graduation must be approved by the faculty. All conditions should be removed by the opening of the last semester. No one with conditions may have his name appear on the class announcements without special permission of the faculty.

Exemption from Examination

Seniors who enter their last term with no condition may be excused from final examinations provided they have at least an average grade of B for the term. This rule does not apply to freshman subjects taken in the senior year, nor does it exempt in the second semester those who are to graduate in the summer term.

Comprehensive Examinations

Seniors are required to take the graduate record examinations both in the areas of general education and in their fields of major study. The results of these tests are used as a factor in the approval of candidates for graduation.

Course Requirements for Graduation

Students may graduate either under the course requirements specified in the catalog of the year of their admission or those in force at the time of their application for graduation, except the requirements concerning number of semester hours taken in the major field, which must conform to current catalog. In case five years have elapsed since a student's latest enrollment in Union University, he may graduate either under the course requirements of the catalog of his re-admission or those in force at the time of his application for graduation.

Scholastic Requirements

The completion of the required 128 hours usually requires four years of 32 semester hours per year. Of these the freshman and sophomore years are spent in general, or core curriculum work, comprising courses in widely separated subjects. During the remaining two years, the student may combine his work within comparatively narrow limits. The work for the entire four-year course consists of (1) electives, (2) prescribed courses, (3) major and minor courses.

Electives

A certain number of electives may be taken from the regular college courses offered in each department. The wise student will always finish his required work first. Failure to do this frequently forces students to take more than 128 semester hours in order to graduate.

Majors and Minors

By the beginning of his junior year, each student is required to select one subject as his major and one subject as his minor. A major consists of 24 semester hours. The minor consists of 18 semester hours. Of the requirements in the major 10 hours must be from the upper division courses—i.e., courses numbered above 299. Of the requirements in the minor 6 hours must be from upper division courses. All majors and minors must be approved by the major and minor professors and the registrar of the college.

The following majors are offered.

Bachelor of Arts:

Business Administration
Elementary Education
English
French
History
Home Economics
Mathematics
Music
Psychology
Religion
Spanish

Bachelor of Science:

Biology
Business Administration
Chemistry
Elementary Education
History
Home Economics
Mathematics
Physical Education
Psychology
Physics

Bachelor of Music:

Instrumental
  Piano
  Organ
  Band Instruments
Voice
Music Education
  General Supervisor
  Instrumental Supervisor

The following minors are offered.

Art
Biology
Business Administration
Business Education
Chemistry
Elementary Education
Education and Psychology
English
French
History
Home Economics
Mathematics
Music
Physical Education
Physics
Psychology
Religion
Sociology
Spanish
Speech

Prescribed Courses for Graduation With a Bachelor of Arts Degree

English 111-2, 211-2 ..... 12 hours
Foreign Language** ..... Equivalent to 2 years college language
Speech 213 ..... 3 hours
Science ..... 1 year
or
Mathematics 111, 113 or 213 ..... 7 hours
American History ..... 3 hours
Psychology 214 ..... 2 hours
Other Social Science (To be selected from at least 2—Geography, History, Sociology, Economics, Political Science) ..... 7 hours
Religion* 111, 112, 216, 217 (any 2) ..... 6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216) ..... 4 hours
Physical Education 111-2, 211-2 ..... 2 hours

Prescribed Courses for Graduation With a Bachelor of Science Degree

English 11-2, 211-2 ..... 12 hours
Speech 213 ..... 3 hours
Laboratory Science (To include 1 year each of two fields) ..... 2 years
Mathematics 111, 113 or 213 ..... 7 hours
American History ..... 3 hours
Psychology 214 ..... 2 hours
Other Social Science (To be selected from at least 2—Geography, History, Sociology, Economics, Political Science) ..... 7 hours
Religion* 111, 112, 216, 217 (any 2) ..... 6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216) ..... 4 hours
Physical Education 111-2, 211-2 ..... 2 hours

*Three hours must be completed before the beginning of the Junior year.

**A student with two high school units in a foreign language and who on entering college shows on an entrance examination in the language that he is capable of doing second year college work, may complete the language requirements by taking six additional semester hours on the second year level in that same language.

If the student fails to meet second year entrance requirements, it is recommended that he begin a new language in college and take 14 semester hours, or take without credit in the language studied in high school part or all of the first year courses in that language, the amount to be determined by demonstrated ability on the entrance test, and six additional semester hours on the second year level with credit in the same language.

Prescribed Courses for Graduation With a Bachelor of Music Degree

English 111-2, 211-2	12 hours
Foreign Language (Voice majors)	2 years
(Other music majors)	1 year
Speech 213 (Music Education majors only)	3 hours
Physics 214	3 hours
American History	3 hours
Psychology 214	2 hours
Other Social Science (To be selected from Geography, History, Sociology, Economics, Political Science)	3 hours
Religion* 111, 112, 216, 217 (any 2)	6 hours
Fine Arts (To include at least two of the following: Art 111, Dramatic Art 113, Music 216)	4 hours
Physical Education 111-2, 211-2	2 hours

*Three hours must be completed before the beginning of the Junior year.

COURSES OF INSTRUCTION

DEPARTMENT OF BIOLOGY

Courses of the Department of Biology are designed to increase the student's appreciation of his environment, to contribute to his cultural background, to meet the needs of students preparing to enter graduate school or to meet entrance requirements for dental, medical, and pharmacy schools. Not all courses are offered in any one year. Certain advanced courses alternate to meet demands.

Students majoring or minoring in biology must meet the following requirements:

I. Major in biology — 26 hours

   A. Ten hours must be junior or senior level

   B. The student may choose between botany and zoology for the greater portion of his work

   C. Biology 111-2, or equivalent, are prerequisites to all other biology courses

II. Minor in biology — 18 hours

   A. Eight hours must be junior or senior level courses. The student will consult the head of the department regarding advanced courses

Majors who plan to do graduate work in the biological sciences should take the following additional courses:

1. One year of physics
2. One year of general chemistry
3. One year of organic chemistry

Majors who plan to do graduate work in the field of botany should take the following courses:

1. Advanced Botany 2. Invertebrate Zoology 3. Plant Physiology
4. General Bacteriology 5. Genetics 6. Plant Taxonomy
7. Ecology

Majors who plan to do graduate study in Zoology should include in their major courses the following:

1. Invertebrate Zoology 2. Vertebrate Zoology 3. Entomology
4. Embryology 5. Genetics 6. Comparative Anatomy

Majors who plan to teach biology in high school should include in their major courses the following:

1. General Bacteriology 2. Invertebrate Zoology 3. Advanced Botany
4. Entomology 5. Genetics 6. Plant Taxonomy
7. Ecology

111. General Biology. A study of the structure and functions of living organisms, the laws governing protoplasm, including a consideration of the vegetative and reproductive structures of plants, with emphasis on the physiological and ecological aspects of the subject. During the course identification and recognition of common trees, and the economic importance of plants are covered. Two lectures and two laboratory periods. Four hours' credit.

112. General Biology. A beginning course in animal biology with a survey of the animal kingdom. Emphasis is laid on the systems of organs and tissues, and on the physiological and economic phases of the subject. Two lectures and two laboratory periods. Four hours' credit.

211. Invertebrate Zoology. A study of representative invertebrates with emphasis on anatomy and classification. Specimens will be collected and studied in the field. Two lectures and two laboratory periods per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

212. Vertebrate Zoology. Study of representative vertebrates of the five classes. Specimens of the lower forms will be collected and studied in the field. Two lectures and two laboratory periods per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

213. General Bacteriology. A course dealing with the identification, structure, and life processes of certain bacteria, molds, and yeasts in relation to fermentation, decay, and disease. Also sterilization and preparation of general and special media, staining, morphology, and culture of micro-organisms. Two lectures and two laboratory periods per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

214. Advanced Botany. A comparative study of representatives of the thallophyta, bryophyta, and tracheophyta. Two lectures and two laboratory periods per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

215. Entomology. A study of the use of keys, classification, life histories, habits, and economic importance of insects. Two lectures, and two laboratory periods or field trips per week. Prerequisite: A year of biology or equivalent. Four hours' credit.

311. Human Anatomy and Physiology. A study of the anatomy and physiology of the systems of the human body, including the skeletal, muscular, nervous and circulatory systems. Two lectures and one laboratory period per week. Prerequisite: A year of biology or equivalent. Three hours' credit.

312. Human Anatomy and Physiology. A continuation of Biology 311. Study of excretory, respiratory and digestive systems, special senses, reproductive and endocrine systems. Two lectures and one laboratory period per week. Prerequisite: A year of biology or equivalent. Three hours' credit.

314. Vertebrate Embryology. A study of the general principles of the embryology of vertebrates, including germ cells, maturation, fertilization, cleavage, germ layers, and formation of organs. Embryos of typical vertebrates are used. Two lectures and two laboratory periods per week. Prerequisite: Twelve hours of biology or equivalent. Four hours' credit.

315. Genetics. A study of the more important laws of heredity and their application to animals and plants. Two lectures and two laboratory periods per week. Prerequisite: Twelve hours of biology on the freshman-sophomore level. Three hours' credit.

316. Plant Physiology and Biology. An introductory course dealing with functions and growth of plants. Two lectures and one laboratory period per week. Prerequisite: Twelve hours of biology or equivalent. Three hours' credit.

317. Plant Taxonomy. A laboratory and field course consisting of collecting, preserving and identifying native flora. Use of botanical keys is stressed, and principles of classification are strongly emphasized. One lecture and one to three laboratory periods and and field trips per week. Prerequisite: Twelve hours of biology or equivalent. Two to three hours' credit.

413. Comparative Anatomy. Comparative study of the organ systems and structures of representative chordates. Prerequisite: Sixteen hours of biology or equivalent. Four hours' credit.

414. Ecology. A study of the interactions between organisms and their environment. Consideration is given both to the environment of the individual and to the development of plant-animal

communities. Two lectures and two laboratory periods per week. Prerequisite: Two years of biology or equivalent. Three hours' credit.

415. Special Problems. Designed to meet the needs of majors in the department. Collection, preparation, and completed study of specimens of plants, animals, etcetera. Prerequisite: Eighteen hours of biology. Two hours' credit.

416. Laboratory Techniques. A laboratory course designed to acquaint the student with and to give him practice in the most common procedures. Two to four laboratory periods per week. Prerequisite: Eighteen hours of biology and a major in the department. Two hours' credit.

DEPARTMENT OF BUSINESS ADMINISTRATION, ECONOMICS AND SECRETARIAL SCIENCE

For the individual who desires a career in modern business, a sound knowledge of basic fundamentals in several fields is needed. The operations of business enterprise in recent years have become increasingly complex in character. They have ceased to be simple and localized and they have become highly intricate and involved—statewide, nationwide, and worldwide. To manage business concerns under our system of free enterprise, broad training is necessary.

The department of Business Administration realizes the need, not only of turning out graduates with basic understandings and some business skills, but also of developing teachers in the field of business education and secretarial science.

To this end the department offers a wide variety of courses designed to help the student who enters business, pursues advanced study, or follows a career in teaching business subjects.

The course offerings in this department include the fields of business administration, economics, business education and secretarial science. Students majoring or minoring in business administration must meet the following requirements:

I. Major in Business Administration — 24 hours
   A. Business Administration 211-2, and 215
   B. Ten hours must be junior or senior level courses

II. Minor in Economics — 18 hours
   A. Economics 211-2
   B. Six hours must be junior or senior level courses

III. Minor in Business Education
   A. Be endorsed in General Business by taking not less than 18 hours in introduction to business, accounting, typewriting, business law, economics, business mathematics
   B. Six hours must be junior or senior level courses

For students minoring in Business Education, with a major in Business Administration, Business Administration 321, Business Administration 211, and Business Administration 113 will count toward the minor in Business Administration only.

Any high school graduate entering Union with at least one high school unit in typewriting or shorthand will be permitted to take a proficiency test in this area. No college credit is given on the basis of this test; how-

ever, it is accepted by the State Department of Education toward certification in secretarial science when submitted through the registrar's office.

A student who has completed a minimum of one year of shorthand or typewriting in high school or the equivalent will enroll for the courses Secretarial Science 311—Shorthand Review; and Secretarial Science 211—Typing Review, respectively.

Business Administration

113. Introduction to Business. A survey of the general field of business with emphasis on types, forms, and operations of business organization. Two hours' credit.

211-2. Principles of Accounting. An elementary course including study of professional accounting, sole proprietorships, partnerships, and a brief treatment of corporations. Four hours' credit per course.

213. Personnel Management. A survey of the principles and practices of personnel administration. Two hours' credit.

214. Public Finance. A study of the development of government finance, including fiscal policy, the public debt, government income and expenditures, and bases for taxation. Two hours' credit.

215. Corporation Finance. A study of corporation and promotion, securities, capital structures, short and long term financing, expansion, reorganization, and liquidation. Three hours' credit.

313. Intermediate Accounting. An intensive study of the theory of accounts and its applications. Selected problems and reading on the various phases of accounting procedure. Three hours' credit.

314. Advanced Accounting Problems. Application of accounting theory to specialized problems of industry. Two hours' credit.

315. Cost Accounting. A study of techniques which embrace an inquiry into methods of accounting for materials, labor and factory burden in job order and process cost systems. Two hours' credit.

316. Auditing. A study of the theory of auditing, the valuation of assets, the analysis of accounting procedure, the presentation of statements. Prerequisite: 313. Two hours' credit.

317. Income Tax Accounting. A study of the internal revenue code as it affects individuals, partnerships, fiduciaries, and corporations. Two hours' credit.

318. Industrial Organization and Combination. A study of all

types of business organization with stress upon the combination movement. Two hours' credit.

319. Industrial Management. An introduction to the principles of planning, coordinating, and controlling the operations of an industrial enterprise. Two hours' credit.

320. Office Management. A study of the most scientific procedures and practices concerning office routine, scheduling work, personnel practices, supervision of employees, and physical equipment. Two hours' credit.

321-2. Business Law. A study of the principles of law frequently occurring in business transactions, including contracts, principal and agent, sales, partnerships, corporations, negotiable instruments, etcetera. Three hours' credit per course.

323. Industrial Relations. Presentation and analysis of methods and techniques which may be used in developing stable relationships between management and organized labor. Two hours' credit.

413. Business and Government. A study of government implementation, regulation and control of business enterprises. Two hours' credit.

414. Retail Merchandising. A study of the merchandising problems, policies and procedures of various types of retail institutions. Two hours' credit.

415. Salesmanship. A study of the laws of salesmanship and psychological application of these laws. Two hours' credit.

416. Advertising. A survey course in the functions, theory, and applications of advertising. Two hours' credit.

417. Senior Seminar. A thorough examination of literature in a chosen field, vital to a broadening appreciation of business and economic fields of knowledge. Two hours' credit.

Economics

211-2. Principles and Problems of Economics. The courses are concerned with fundamental economic principles and institutions. Theoretical and descriptive materials are brought together in the analysis of concrete problems. The courses are designed to provide a basic study of the evolution, organization, and functioning of the economic system. Consideration is given to such topics as mechanics of modern exchange economy, organization of business

enterprises, theory of national income and employment value and price determination. Three hours' credit per course.

313. Labor Problems. A study of important problems in labor with emphasis upon basic principles. Two hours' credit.

314. Development of Economic Thought. An interpretation of the literature and spoken word of the great thinkers of the past and how they influence present day economic doctrine. Two hours' credit.

315. European Economic History. A study of the development of the economic aspects of civilization in medieval and modern times. Two hours' credit.

316. Principles of Insurance. A survey course dealing with the economic and social benefits of insurance. Major types of insurance are also studied. Two hours' credit.

317. Comparative Economic Systems. An analysis of the rival economic doctrines of capitalism, socialism communism, communism, and facism. Two hours' credit.

413. Money and Banking. A study course dealing with the economics of money, credit, and banking. Two hours' credit.

414. Principles of Marketing. A course designed to introduce the student to the major institutions and the basic theoretical concepts of the field of marketing. Two hours' credit.

415. Economic Statistics. An introduction to the study of the method of collection classification, analysis, and interpretation of business and economic data. Three hours' credit.

416. Conservation of Natural Resources. A study of the importance of our natural resources, the need of conservation, and regional and national planning. Two hours' credit.

Secretarial Science

111-2. Typewriting. A study of the standard keyboard with emphasis on correct position, vertical and horizontal centering, and drills for speed and accuracy. During the second semester different business forms and letters will be typed. Three hours' credit per course.

211. Typewriting. Designed for students who have had typewriting below the college level. A survey of the work normally covered in beginning typing. Three hours' credit.

212. Advanced Typewriting. Greater speed and accuracy is devel-

oped. Office forms and business letters are continued. Three hours' credit.

213. Filing and Indexing. A study of the essentials of indexing and filing. Indexing miniature practice equipment is used. Two hours' credit.

214. Office Appliances. A study of the use and practice in dictating, duplicating, adding and other machines. Prerequisite: Typewriting 111. Three hours' credit.

221-2. Shorthand. A study of the fundamentals of Gregg Shorthand. Prerequisite: Typewriting 112. Three hours' credit per course.

311. Shorthand Review. A review of brief forms and preliminary dictation from eighty to one hundred words a minute. Designed for students who have studied shorthand below the college level. Three hours' credit.

312. Advanced Shorthand. One hundred and one hundred and twenty word dictation. Special emphasis is given to accurate and mailable transcripts. Prerequisite: Secretarial Science 222 or 311. Three hours' credit.

313. Business Communication. Practice in the writing of different types of business letters with emphasis on effectiveness in the use of the language. Two hours' credit.

413. Advanced Secretarial Techniques. This course is designed for the development of secretaries capable of assuming responsibilities, exercising good business judgment, and carrying duties to their satisfactory conclusion. Two hours' credit.

414. Secretarial Office Practice. This course is designed to provide laboratory and office experience for seniors who will do secretarial work or teach commerce. Two hours' credit.

DEPARTMENT OF CHEMISTRY

The age in which we live is truly the age of science. No one can escape for long the impact of scientific discovery upon the world today. This is particularly true of the science of chemistry which deals with the structure of matter and its many transformations. Broadly speaking, this department aims to help the student to understand the material world around him and how it affects the ever changing processes of life, attain skill in scientific methods of problem solving, achieve laboratory skills for work in chemistry, and develop an inquiring mind and a proper attitude toward scientific exploration. More specifically this department offers courses to meet the needs of three types of students:

1. Those who are non-science majors but desire the subject for its cultural and educational values and for meeting graduation requirements.
2. Those who plan to teach science.
3. Those who wish to prepare for medicine, agriculture, engineering, or any other type of scientific work.

Students majoring or minoring in chemistry must meet the following requirements:

I. Major in chemistry
   1. 24 hours
   2. Chemistry 111-2, 211-2, 311-2

II. Minor in chemistry
   1. 18 hours
   2. Chemistry 111-2, 211-2, or 311-2

111-2. General Inorganic Chemistry. A study of the fundamental principles, theories, laws, and basic facts of chemistry. The preparation and properties of the more common elements and their compounds in relation to the periodic table and atomic structure. Emphasis is laid on the metals and their ions in relation to the scheme of qualitative analysis. Problem solving, principles of equilibrium and equations are stressed. The last twelve weeks of laboratory is devoted to qualitative analysis. Two lectures and two laboratory periods per week. Four hours' credit per semester.

211-2. Quantitative Inorganic Analysis. Fundamental laboratory procedures, calibration of apparatus, selected experiments in gravimetric and volumetric analysis; basic theory in stoichiometry. Emphasis is placed on special gravimetic and volumetric methods,

theory, and potentiometric calculations. One lecture and two laboratory periods per week. Prerequisite: Chemistry 111-2. Three hours' credit per semester.

311-2. Organic Chemistry. A study of the various compounds of carbon, their preparations, properties, and reactions; the theories underlying the subject and the effect of molecular structure on chemical and physical properties. Two lectures and two laboratory periods per week. Prerequisite: Chemistry 111-2. Four hours' credit per semester.

313. Biochemistry or Physiological Chemistry. Lectures and laboratory four hours per week. Offered on sufficient demand. Prerequisite: Chemistry 311-2. Two hours' credit.

314. Synthetic Inorganic Chemistry. Lectures and laboratory four hours per week. Offered on sufficient demand. Prerequisite: Chemistry 111-2. Two hours' credit.

411-2. Physical Chemistry. A study of topics dealing with the more fundamental aspects of chemistry. The states of matter, the elementary principles of thermodynamics and thermochemistry will be stressed. Calculus used, but not required. Two lectures and two laboratory periods per week. Prerequisite: Chemistry 211-2. Four hours' credit per semester.

413. Qualitative Inorganic Analysis. An intensive study of qualitative inorganic analysis from the standpoint of theory and practice. The semi-micro technique will be used. Lecture and laboratory four hours per week. Offered on sufficient demand. Prerequisite: Chemistry 111-2. Two hours' credit.

414. Qualitative Organic Chemistry. The identification of pure organic compounds and mixtures. Lecture and laboratory four hours per week. Offered on sufficient demand. Prerequisite: Chemistry 311-2. Two hours' credit.

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Offerings in the Department of Education and Psychology serve the following general purposes: to give students a better understanding of human relations and individual adjustment and to help them to apply these concepts in personal living; to provide knowledge in these fields essential for an area of concentrated study and for further advanced work; and to furnish the professional education necessary for prospective teachers.

Majors are offered in psychology and in elementary education, minors are offered in psychology and in education. Students majoring or minoring in psychology or education must meet the following requirements:

I. Major in Psychology—24 hours
   A. Eighteen hours in psychology
   B. Education 317
   C. Elective—Three hours in education or psychology

II. Major in Elementary Education—24 hours
   Students majoring in Elementary Education will meet requirements for teaching in this field as outlined on pages 49 and 50.
   Students planning to teach in high school are referred to page 50.

III. Minor in Psychology—18 hours
   A. Twelve hours in psychology
   B. Elective—Six hours in education or psychology

IV. Minor in Education—18 hours
   A. Twelve hours in education
   B. Elective—Six hours in education or psychology

The professional work in the teacher education program for positions both in high school and in the elementary grades is given on pages 49-50. Teachers wishing to renew certificates should consult the registrar or the head of the department of education.

EDUCATION

111. Freshman Orientation. A guidance course for freshmen. Topics studied include: getting acquainted with the college environment, study habits, use of the library, and reading proficiency. Required of all freshmen. One hour's credit.

213. Introduction to Education. An orientation course for prospective teachers. Deals with the main aspects of the work of the teacher. Observation in a cooperating public school is required. Two hours' credit.

311. Teaching in Elementary School. A basic course in the work of the elementary teacher. A study is made of the principles, materials, and methods in various subject areas of the elementary school. Three hours' credit.

313. Teaching Social Studies in the Elementary School. A methods course dealing with the objectives, materials, and methods in the social studies. Emphasis on activities and units of work. Prerequisite: Education 311. Two hours' credit.

314. The Teaching of Arithmetic. A materials and methods course. A study is made of the arithmetic curriculum in the elementary grades. Emphasis is placed on the application of arithmetic concepts and processes at the various grade levels. Prerequisite: Education 311. Two hours' credit.

315. The Teaching of Reading. This course is concerned with materials and methods in teaching reading in the elementary school. A developmental program is stressed. Prerequisite: Education 311. Two hours' credit.

316. History and Philosophy of American Education. The main developments in American education are studied in the light of their historical and philosophical foundations. Two hours' credit.

317. Tests and Measurements. Deals with the theory of testing, construction of tests, and the administration and scoring of tests. acquaintance with the state testing program, and with commonly used statistical measures is provided for in the course. Prerequisite: Psychology 213. Three hours' credit.

318. Principles of Secondary Education. A study is made of the secondary school as an institution in a democratic society and of the reorganizations that are taking place in this field. Prerequisite: Junior standing. Two hours' credit.

319. Audio-Visual and Library Materials. A course designed to acquaint teachers with the school library both from the point of view of the teacher and the librarian. Audio-visual materials will be treated as an integral part of the school library program. Two hours' credit.

320. Teaching in Secondary School. A basic course in general methods of teaching in Secondary School. Prerequisites: Psychology 213, 313. Two hours' credit.

411-412. Student Teaching in Elementary School. The purpose of the course is to provide for observation, participation, and student teaching under supervision. Classes meet daily and an additional hour must be reserved for a weekly conference. Prerequisites: An average grade of C both in academic subjects and in professional courses completed. Psychology 213, 314; Education 311, and methods courses in the areas where the teaching is to be done. Three hours' credit for each course.

413-414. Student Teaching in Secondary School. The purpose of this course is to provide for observation, participation and student teaching in the secondary school. Classes meet daily and an additional hour must be reserved for a weekly conference. Prerequisites: An average grade of C both in academic subjects and in professional courses completed; Psychology 313; Education 320 and a methods course in the area where the teaching is to be done. Three hours' credit for each course.

415. Educational Laboratory. Advanced and/or experienced students are given opportunity to study and practice procedures used in dealing with children who have marked educational problems. Prerequisites: Psychology 213, 314; Education 315. Two hours' credit.

Special Methods Courses in Secondary School Subjects

416. Arts and Crafts for Teachers. A materials and methods course in the teaching of arts and crafts in elementary and secondary school. Two hours' credit.

417. Teaching Art in Secondary School. A materials and methods course in the teaching of art. Two hours' credit.

418. Teaching Biology. A course for majors and minors who plan to teach biology in secondary school. Prerequisite: Twelve hours in Biology. Two hours' credit.

419. Teaching of Business Subjects. A material and methods course in the teaching of general business subjects for those who plan to teach these subjects in secondary school. Two hours' credit.

420. Teaching English in Secondary School. A survey of methods and materials used in teaching English. Two hours' credit.

421. Teaching Health and Physical Education in Secondary School. The purpose of the course is to prepare the student to carry out the health and physical education program at the secondary school level. Two hours' credit.

422. Teaching of Mathematics in Secondary School. A course in methods for high school teachers of mathematics. Prerequisite or co-requisite: Mathematics 211. Two hours' credit.

423. Techniques in Modern Language Instruction. A study of principles, practices, and methods of teaching modern languages in secondary school. Prerequisite: 211 and 212 in the language studied. Two hours' credit.

424. High School Music Methods. A methods and materials course for those who plan to teach public school music and instrumental music in elementary and secondary school. Two hours' credit.

425. Teaching the Social Studies in Secondary School. A materials and methods course in the teaching of the social studies. Two hours' credit.

PSYCHOLOGY

213. General Psychology. A fundamental course in human behavior from the bio-social viewpoint. Demonstrations constitute a basic part of the work. Three hours' credit.

214. Psychology of Adjustment. Total adjustment is studied as it relates to personal development, educational experiences, vocational choices, home and family living, and social adaptations. Two hours' credit.

313. Educational Psychology. An intensive study is made of the learning process, including a consideration of learning theories. This study is related to such topics as development and environmental influences. Prerequisite: Psychology 213. Two hours' credit.

315. History of Psychology. A survey of the development of psychology from its early beginning to the present time. Contributions of outstanding men are emphasized. Prerequisite: Psychology 213. Two hours' credit.

317. Abnormal Psychology. Topics studied will include: causes and types of abnormal phenomena, mental hygiene and therapeutic methods. Prerequisite: Psychology 213. Three hours' credit.

318. Developmental Psychology. A study of human growth and development from conception through adolescence. Observation is emphasized. Prerequisite: Psychology 213. Three hours' credit.

413. Psychological Measurements. The student will study the nature, administration, and interpretation of intelligence tests, interest tests, personality tests, and aptitude tests. Prerequisites: Psychology 213, 313. Three hours' credit.

414. Social Psychology. A survey of the factors which underlie the development of social behavior, the social aspects of personality development and the interaction between the individual and groups. Prerequisites: Psychology 213. Two hours' credit.

DEPARTMENT OF ENGLISH

Instruction in the English department consists of helping students develop skills in writing and speaking effectively, in reading and evaluating literature appreciatively, in participating in journalistic and dramatic productions competently. A wide range of courses appealing to the esthetic as well as to the practical nature of man is offered regularly, serving the dual purpose of qualifying prospective teachers of English and stimulating the laity to search more diligently for the riches in the spoken and written word.

Students majoring or minoring in English must meet the following requirements:

I. Major in English—24 hours
   - A. English 111-2—freshman composition
   - B. English 211-2—sophomore literature surveys
   - C. Shakespeare
   - D. Three additional courses on the junior or senior levels.

II. Minor in English—18 hours
   - A. English 111-2—freshman composition
   - B. English 211-2—sophomore surveys
   - C. Two additional junior or senior level courses.

III. Minor in Speech and Dramatic Art—18 hours
   - A. Six hours on junior or senior level

No student will be permitted to take an upper level course in literature until he has satisfied the core requirements (in literature) for graduation.

ENGLISH

111-2. English Composition. Review of fundamentals of grammar; practice in basic forms of composition; selected readings from various types of literature. Prerequisite to all other courses in English. Three hours' credit per semester.

211. Survey of American Literature. Introduction to principal authors and most significant prose and poetry produced in America from seventeenth century to the present. Three hours' credit.

212. Masterpieces of English Literature. Selected readings from English prose and poetry from Chaucer to the present. Three hours' credit.

213-4. News Writing and Reporting. Practice in news gathering and news writing for the college publications. Does not count on English major, but is of inestimable value to the prospective high school English teacher. Two hours' credit per semester.

215. Short Story. Reading, analysis, and intensive study of the short story as a literary form. Each student required to do original composition. Two hours' credit.

216. Children's Literature. A survey course designed to familiarize the student with children's books from early times to the present. Emphasis is placed upon the Newberry and Caldecott award books. Two hours' credit.

313. American Literature of Nineteenth Century. Extensive reading from the works of Poe, Hawthorne, Melville, Emerson and Whitman. Three hours' credit.

314. English Poetry of Nineteenth Century. Intensive reading in the poetry of the major Romantic and Victorian poets. Three hours' credit.

315. English Literature of Eighteenth Century. Selected readings from the principal authors; a critical examination of the intellectual history of the age. Three hours' credit.

316. The Novel in English. Study of the novel as a literary form. Three hours' credit.

317. European Literature in Translation. Selected readings (in translations) from literary masterpieces of great European writers from Homer to the present. Three hours' credit.

318. Advanced Composition. Techniques of writing effective expository, argumentative, descriptive, and narrative prose. Two hours' credit.

411-2. Shakespeare. Readings from the comedies, histories, and tragedies. Required of all majors in English. Two hours' credit per semester.

413. Contemporary Drama. Readings from continental, British, and American drama from Ibsen to the present. Three hours' credit.

414. Studies in 17th Century English Literature. Major emphasis will be placed on the poetry of Donne, Milton, and the Cavalier poets. Readings from the prose and drama of the period will be required of those who take the course for maximum credit. Two to three hours' credit.

415. Feature Writing. Practical experience in mastering the craft of

writing the special feature. Each student will be encouraged to prepare an article for publication. Two hours' credit.

416. Contemporary Poetry. A study of twentieth century British and American poetry. Three hours' credit.

SPEECH AND DRAMATIC ART

113. Appreciation of Theater Arts. An introductory study of the techniques of dramatic art, designed to make playgoing more meaningful and better appreciated. Two hours' credit.

213. Public Speaking. Study and practice in effective oral communication. Required of all students for graduation. Three hours' credit.

214. Oral Interpretation. Oral practice in analysis of various types of literature so that they may be presented informatively and interestingly. Three hours' credit.

215. Play Production. A survey course in the fundamentals of successful stage production: problems in organization; in play choice and casting; in rehearsing, acting, and directing; in scenery, costuming, make-up, and lighting. Three hours' credit.

313. Play Production. A more advanced course for those who have had Speech 215, with emphasis on the techniques of acting and stage craft. Three hours' credit.

314. Voice and Diction. Study and development of the voice. Educative exercises in articulation and pronunciation. Drill in phonetics. Particularly helpful for students planning professional careers. Three hours' credit.

413. Public Discussion and Argumentation. Gathering, organizing, and presenting argumentative material effectively. Each student required to participate publicly on the platform or by radio. Designed particularly for students preparing for professional careers. Prerequisite: Speech 213. Three hours' credit.

DEPARTMENT OF HOME ECONOMICS

The term home economics will call up different mental responses in different individuals. However, home economics at the undergraduate level has for its primary objective helping the individual student to achieve a rich and satisfying home and family life. It is concerned with the personal and group values that are desirable outcomes of successful family life and with the use of personal, family and social resources for the attainment of these values. It deals with the social, economic, esthetic, managerial, health and ethical aspects of family relations, child development, foods, clothing and housing.

Since the achievement of better every day living on the campus and in Christian homes is the major goal of Union University through the Department of Home Economics, this primary objective is accepted as the guide for planning the curriculum. However, the department offers opportunity for students to meet some prerequisites in other home economics curricula.

Students majoring or minoring in home economics must meet the following requirements:

I. Major in Home Economics a minimum of 24 hours
   - A. Foods and nutrition a minimum of 5 hours
   - B. Home Management and Family Relations a minimum of 5 hours
   - C. Textiles and Clothing a minimum of 5 hours
   - D. Eight hours must be on the junior and senior level

II. Minor in Home Economics a minimum of 18 hours
   - A. Home Economics 311 and 315
   - B. Six hours on junior-senior level

FOODS AND NUTRITION

111. Elementary Foods. A basic study of the principles of food selection and preparation, with an introduction to the planning and serving of meals in the home. One hour and two laboratory periods. Three hours' credit.

113. Elementary Nutrition. A study of the elementary principles of nutrition and their application to the individual and the family. Two hours and one laboratory period. Three hours' credit.

212. Meal Planning, Preparation and Table Service. Planning, marketing preparation and service of food for the family. (This

includes the study of table linens, china, silver and glassware). Prerequisite: 111. One hour and two laboratory periods. Three hours' credit.

313. Advanced Nutrition. A study of the fundamentals of human nutrition with practice in dietary planning. Two hours and one laboratory period. Three hours' credit.

314. Diet in Disease. A study of dietary problems in the prevention and treatment in disease. Prerequisite: Nutrition 313. Two hours and one laboratory period. Three hours' credit.

316. Experimental Cookery. Food preparation from an experimental standpoint. Prerequisite: Foods 212, Chemistry recommended. One hour and two laboratory periods. Three hours' credit.

415. Quantity Cookery. A study of the planning, marketing and serving of food in large quantities. One hour, two laboratory periods. Three hours' credit.

416. Institutional Organization and Management. Practical problems in organization and management applied to feeding large groups. Three hours' credit.

HOME MANAGEMENT AND FAMILY RELATIONS

213. Home Nursing. Home care of the sick; first aid, including laboratory practice in first aid and practical nursing. One period, one laboratory period. Two hours' credit.

311. Child Development. A study of the mental, social and emotional development of the child from infancy to six years of age. Special emphasis given to his place in the family group. Three hours and two hours observation per week. Three hours' credit.

315. Family Relations. A study of modern family life giving special emphasis to the activities of the home as they relate to the development of the family and its individual members. Prerequisite: Three hours psychology or sociology or child development. Three hours' credit.

413. Household Equipment. A study of household equipment with a view to giving a better understanding of the principles involved in its selection, care and operation in the home. Field trips will be made. One hour. One laboratory period. Two hours' credit.

414. Home Management and Consumer Education. Economics of the household from the standpoint of money, time, and energy,

especially from the standpoint of the home maker as the household buyer. Three hours' credit.

TEXTILES AND CLOTHING

112. Elementary Clothing Selection and Construction. Fundamental principles of selection and construction of simple garments. Selection and use of commercial patterns. Principles of fitting. Use and care of machine. Three laboratory periods. Three hours' credit.

211. Children's Clothing. Study of the clothing needs of the child with selection, construction and care of the clothing for children of various age levels. Prerequisite: Textiles and Clothing 112. Three laboratory periods. Three hours' credit.

411. Tailoring. Study of the fundamental principles of tailoring. Selection, fitting, and construction of tailored garments. Three laboratory periods. Prerequisite: 112. Three hours' credit.

412. Textiles. Study of fabrics used for clothing and house furnishings with emphasis on the consumers' problems in selection, use and care. Prerequisite: Chemistry. Two hours and one laboratory period.

DEPARTMENT OF LANGUAGES

The purpose of the Department of Languages in the liberal arts program is to instruct the student through oral-aural-visual techniques and methods to read, understand, speak and write with proficiency at least one foreign language; first, to aid in developing understanding through inter-communication; second, to serve as a basis for studying the history, literature and life of another country; third, to help the student attain a certain fluency in foreign language in preparation for doing research in graduate and professional schools.

Language requirements for graduation with the A.B. Degree: fourteen semester hours or two years of high school language and six semester hours of second year college credit in the same language. Students entering with two units of high school language will take a comprehensive examination to demonstrate their ability to do second year work.

A major is offered in French or Spanish.

I. Students majoring or minoring in language must meet the following requirements:
   1. Major in chosen language—24 to 26 hours
   2. Ten semester hours must be on junior or senior level.

II. Students minoring in language must meet the following requirements:
   1. Minor in chosen language—18-20 hours
   2. Six semester hours must be on junior or senior level.

If a student takes a major in one language, it is suggested that he take a minor in a second language.

FRENCH

111. Elementary French. Fundamentals of pronunciation, conversation, grammar and composition. Four hours' credit.

112. Elementary French. A continuation of French 111. Four hours' credit.

211. Intermediate French. Grammar review. Reading of suitable texts, conversation and composition. Prerequisite: French 111-2 or two years of high school French and proficiency test. Three hours' credit.

212. Advanced French. Rapid reading of representative French texts. Prerequisite: French 211. Three hours' credit.

311. Survey of French Literature. Chanson de Roland through

the 17th century. Lectures, readings and reports. Prerequisite: French 212. Three hours' credit.

312. Survey of French Literature. A continuation of French 311. The beginning of the 18th century to the present. Lectures, readings and reports. Prerequisite: French 311. Three hours' credit.

313. Conversation and Composition. Practice in oral and written expression. Prerequisite: French 212. Three hours' credit.

314. French Civilization. A survey of the geographical, historical, ethnical, artistic, and industrial development of France. Reports. Prerequisite: French 212. Three hours' credit.

315. General Language. A laboratory course in comparative pronunciation of French, German, Italian, Latin, and Spanish. One hour's credit.

316. French Phonetics. Analysis of the sounds of French and their articulation. Recordings, film strips, corrective drills. Prerequisite: French 212. Three hours' credit.

413. French Classical Drama. A study of the life and dramatic art of Corneille, Racine, and Moliere. Lectures and reports. Three hours' credit.

414. French Romantic Literature. A study of the romantic movement in French literature, with special emphasis on poetry and the drama. Three hours' credit.

415. Modern French Novel. A study of the life and works of representative French novelists of the modern period. Three hours' credit.

GERMAN

111. Elementary German. A study of pronunciation and grammatical forms. Simple reading. Four hours' credit.

112. Elementary German. A continuation of German 111. Grammar and reading of easy prose. Four hours' credit.

211. Intermediate German. A review of grammar. Composition and reading of suitable texts. Prerequisite: German 111-2 or two years of high school German. Three hours' credit.

212. Advanced German. Rapid reading of representative texts. Lectures and reports. Prerequisite: German 211. Three hours' credit.

313. Introduction to German Classics. A general survey of German literature. Prerequisite: German 212. Three hours' credit.

314. German Classical Drama. A study of the life and works of

Goethe and Schiller. Prerequisite: German 212. Three hours' credit.

315. General Language. Same as French 315. One hour's credit.

GREEK*

211. Elementary Greek. A study of the basic forms, syntax, vocabulary and pronunciation of the Greek New Testament. Prerequisite: Sophomore standing. Four hours' credit.

212. Elementary Greek. Continuation of Greek 211. Reading in Mark and I John. Prerequisite: Greek 211. Four hours' credit.

311. Intermediate Greek. A study of the grammar and syntax of the Greek New Testament. Reading in the New Testament. Prerequisite: Greek 212. Three hours' credit.

312. Intermediate Greek. Continuation of Greek 311. Prerequisite: Greek 311. Three hours' credit.

*Greek 211-2 and Greek 311-2 are offered on alternate years. 211-2 offered 1955-56.

LATIN

111. Elementary Latin. A study of grammatical forms and syntax. Four hours' credit.

112. Elementary Latin. A continuation of Latin 111. Grammar, syntax and readings from Cæsar. Four hours' credit.

211. Cicero. Selected orations, essays, and letters. Review of grammar and syntax. Prerequisite: Latin 111-2 or two years of high school Latin. Three hours' credit.

212. Virgil. Selections from the Aeneid. Study of mythological background. Prerequisite: Latin 111-2 or two years of high school Latin. Three hours' credit.

313. Latin Readings. Masterpieces of Latin poetry. Selections from Horace's Odes and Ovid's Metomorphoses. Prerequisite: Latin 211 or 212. Three hours' credit.

314. Latin Readings. Masterpieces of Latin prose. Livy's Second Punic War and other selections. Prerequisite: Latin 211 or 212. Three hours' credit.

315. General Language. Same as French 315. One hour's credit.

413. Latin Readings. Selections from Pliny and Tacitus in Latin history, letters and drama. Topics for investigation. Prerequisite: Latin 211 or 212. Three hours' credit.

414. Latin Readings. A continuation of Latin 413 with selections from Terence. Prerequisite: Latin 413. Three hours' credit.

SPANISH

111. Elementary Spanish. Fundamentals of pronunciation, conversation, grammar, and composition. Simple reading. Four hours' credit.

112. Elementary Spanish. A continuation of Spanish 111. Four hours' credit.

211. Intermediate Spanish. Grammar review. Reading of suitable texts, conversation and composition. Prerequisite: Spanish 111-2 or two years of high school Spanish and proficiency test. Three hours' credit.

212. Advanced Spanish. Rapid reading of representative Spanish texts. Prerequisite: Spanish 211. Three hours' credit.

311. Survey of Spanish Literature. Poema de Mio Cid through the 17th century. Lectures, readings and reports. Prerequisite: Spanish 212. Three hours' credit.

312. Survey of Spanish Literature. A continuation of Spanish 311. From the beginning of the 18th century to the present. Lectures, readings, and reports. Prerequisite: Spanish 311. Three hours' credit.

313. Conversation and Composition. Practice in oral and written expression. Prerequisite: Spanish 212. Three hours' credit.

314. History of the Spanish Language. One hour's credit.

315. General Language. Same as French 315. One hour's credit.

413. The Modern Spanish Novel. A study of the life and works of representative Spanish novelists of the modern period. Three hours' credit.

414. The Modern Spanish Drama. A study of the life and works of representative Spanish dramatists of the modern period. Three hours' credit.

415. The Spanish-American Novel. The development of the novel in Spanish-America. Life and works of representative authors. Three hours' credit.

416. The Drama of the Golden Age. A study of the life and works of Lope de Vega, Alarcon, Tirso de Molina and Calderon. Three hours' credit.

417. Don Quijote De La Mancha. A study of the life of Cervantes and works of Cervantes. Reading of Don Quijote de la Mancha. Three hours' credit.

DEPARTMENT OF MATHEMATICS

The courses in mathematics are designed to provide basic content for students classified as mathematics majors or minors, engineering, pre-dental, pre-medical, majors or minors in business administration, teachers and those preparing to teach. In the lower level courses there are many topics of general, practical and cultural interest.

Students majoring or minoring in mathematics must meet the following requirements:

I. A major in mathematics consists of 26 hours, of which 8 hours must be above the 200 level, with the approval of the department head.

II. A minor in mathematics consists of 20 hours including Mathematics 211, 212.[1]

Courses 111 and either 113 or 213 are required of all students who elect mathematics to meet the science or mathematics requirement for graduation.

111. College Algebra and Plane Trigonometry. Fundamental concepts, quadratic equations, ratio and proportion, progressions, binomial theorem, theory of equations, logarithms, and the trigonometric functions. Five hours' credit.

112. Plane Trigonometry and Analytic Geometry. Solution of plane triangles, study of identities, radian measure, graphs, and oblique triangles. The straight line, the circle, conic sections, transformations, and transcendental equations. Prerequisite: 111. Five hours' credit.

211. Calculus. Functions, limits, the derivative, applications of the derivative, maxima and minima, tangents and normals, the indefinite integral, and the definite integral. Prerequisite: 112. Four hours' credit.

212. Calculus. Indeterminate forms, integration by substitution, areas, volumes, centroids, power series, and double integrals. Prerequisite: 211. Four hours' credit.

313. Theory of Equations. Complex numbers, study of cubic and quartic equations, determinants and symmetric functions. Prerequisite: 211. Two hours' credit.

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[1] Transfer students may substitute certain mathematics courses with approval of department head.

314. Differential Equations. Equations of first order and first degree, homogeneous equations, physical applications, linear equations, exact differential equations, etc. Prerequisite: 212. Three hours' credit.

413. College Geometry. Technique of construction with emphasis on triangles and circles. Methods of approach to construction problems, and analysis of possibilities of construction. Theorems in plane Euclidean geometry. Prerequisite: 111, and Junior standing. Two hours' credit.

414. Advanced Calculus. Multiple integrals, applications, partial differentiation, implicit functions, series, line and surface integrals, vector notation, and Gamma and Beta functions. Prerequisite: 212. Three hours' credit.

Note: Upper level courses will be offered in alternate years or when needed.

Engineering

114. Elementary Surveying. The compass and transit, leveling, contours, land survey, earthwork, etc. One hour lecture and three hours field work. Prerequisite: 111. Two hours' credit.

115. Slide Rule Problem Solving. Use and application of the slide rule to engineering and related topics, including proportion, powers and roots, logarithms, and trigonometric functions. Prerequisite: Mathematics 111. Two hours' credit.

111-112. Engineering Drawing. Instruction in the use of drafting instruments and equipment. Principles of projection drawing. Drafting practice, including sectional views, auxiliary views, and revolution. Dimensioning, sketching and lettering. Pictorial representation, including axonometric projection, oblique projection, and perspective. Two two-hour periods per week. Two hours' credit for each course.

211-212. Engineering Drawing. Application of multiview and pictorial methods to the representation of geometric solids. Problems in space relationships. Intersections and development of surfaces. American standard dimensioning practice including shop terms. Representations of gears, and piping. Detail and assembly drawings. A drafting project, including technical sketching, working drawings and prints. Prerequisite: Drawing 112. Two two-hour periods per week. Two hours' credit for each course.

For Degree in Business Administration

213. Mathematics of Finance. A study of interest and discount, annuities, depreciation, amortization, sinking funds, bonds, etc. Prerequisite: 111. Two hours' credit.

For Teacher's Certificate

113. Arithmetic. Content course meeting requirement for teacher's certificate. The number concept, and emphasis on the decimal system of notation. Thorough review of the fundamental operations. Two hours' credit.

DEPARTMENT OF MUSIC AND ART

The college recognizes that a complete curriculum in the liberal arts college should include a department of music in which a student may obtain a Bachelor of Music degree, a major or a minor in music under a Bachelor of Arts degree, or in which a student may take private lessons in applied music either with or without credit.

The aim of this department is to develop a high standard of musicianship, to equip the student with the musical skills necessary for him to be a professional and vocational leader, and to provide for the student cultural experiences in music. More directly, the department aims at preparing public school music teachers with state certification in the fields of vocal instruction as well as instrumental (band) instruction, and at training church musicians.

General Regulations for Students in the Department of Music

1. All Bachelor of Music degree candidates and music majors and minors under the Bachelor of Arts degree will be required to take band or chorus each semester of resident work, and may be permitted to take both simultaneously for credit.

2. Each music major and minor candidate under the Bachelor of Arts degree and all Bachelor of Music degree candidates will be expected to appear in recital at least once the first year of study, twice the second, third, and fourth years, including a graduation recital. Bachelor of Music degree candidates will be required to present a junior recital as well as a senior recital.

3. All Bachelor of Music degree candidates with a major other than piano or organ and all Bachelor of Arts degree students with a major or minor in music other than piano or organ must take class piano (no special fee, no credit) or show a proficiency in piano to a degree which will enable the student to play simple accompaniments, scales in all keys, in both major and minor modes.

4. Music majors and minors will be required to attend all concerts and recitals on the campus.

5. A minimum of two hours' daily practice is required in each applied music course.

6. Upon entering Union, each music student will be examined as to his ability to engage in the study of music on the college level or to continue in the study of music if a transfer student from another institution.

7. Private music lessons will be made up at the convenience of the instructor if notification of illness or any reasonable cause is made prior to lesson period. Cuts will not be made up.

8. No private lessons will be given during semester examinations. Time will be used for private study examinations.

9. Music students must secure approval from head of department for appearance in public performances.

10. Voice majors and minors must elect French or German for language requirements.

11. Music majors will automatically become members of the Allegro Club.

Note: The Music Department reserves the right to decide each year according to the demand and need of the students just which of the courses listed shall be taught.

DEPARTMENTAL MAJOR REQUIREMENTS

In addition to the basic core curriculum requirements for the Bachelor of Music degree, the following courses must be taken:

INSTRUMENTAL MAJOR*

Music 111-2, 211-2—Harmony
Music 123-4, if piano major; Music 147-8, if voice major—Ensemble
Music 311-2—Conducting
Music 313-4—Orchestration
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Music 413-4—Composition
Music 415-6—Pedagogy and Literature
Applied music—equivalent of four years in major field

VOICE MAJOR

Music 111-2, 211-2—Harmony
Music 311-2—Conducting
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Music 415-6—Pedagogy and Literature
Applied music—equivalent of four years in major field (voice)

MUSIC EDUCATION, GENERAL SUPERVISOR

Music 111-2, 211-2—Harmony
Music 311-2—Conducting
Music 313-4—Orchestration
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Applied music—equivalent of four years in major field (voice)

MUSIC EDUCATION, INSTRUMENTAL SUPERVISOR

Music 111-2, 211-2—Harmony
Music 237—String Methods
Music 238—Woodwind Methods
Music 239—Brass Methods
Music 311-2—Conducting
Music 313-4—Orchestration
Music 315-6—Music History
Music 317-8—Form and Analysis
Music 411-2—Counterpoint
Applied music—equivalent of four years in major instrumental field

In addition to the basic core curriculum requirements for the Bachelor of Arts degree, students desiring a music major or minor under this degree must take the following courses:

I. Major in Music—24 hours
   A. Applied music major instrument or voice the equivalent of four years, or eighteen semester hours.
   B. Elementary Sight Singing and Dictation (Music 113)—2 semester hours
   C. Pedagogy and Literature (Music 415-6)—4 semester hours

II. Minor in Music—18 hours
   Applied music major instrument or voice the equivalent of four years or eighteen semester hours.

THEORETICAL COURSES

110. Elementary Theory of Music. A course designed particularly for the layman. Stresses fundamentals and essentials of music notation and terminology. No credit given to music majors. Meets twice weekly for one semester. Two hours' credit.

111-2. Elementary Harmony. Intensive drill in formation of scales, intervals, and triads. Principles of chord progressions, cadences. The dominant seventh chord and its simple resolution. Assigned melodies, basses, and original work. Simplest modulations. Approximately one third of time will be spent in keyboard harmony. Sight-singing proficiency to level of Music 114 prerequisite for students with poor musical background. No credit allowed toward graduation for less than two semesters. Meets three times per week for two semesters. Three hours' credit per semester.

113-4. Elementary Sight Singing and Ear-Training. Recognition and writing of intervals. Drill in simple rhythms. Practical sight singing in one or more parts. Prerequisite: proficiency to level of Music 110. Meets twice weekly per semester. Two hours' credit per semester.

211-2. Advanced Harmony. Inversions of the dominant seventh chord, regular and irregular resolutions. The diminished seventh chord, secondary seventh chords, dominant ninth chords. Simple ornamentation. Assigned melodies, basses, and original work. Further drill in modulation. Approximately one third of time will be spent in keyboard harmony. Prerequisites: Music 111-2 and proficiency to level of Music 214. No credit allowed toward graduation for less than two semesters. Meets three times weekly. Three hours' credit per semester.

213-4. Advanced Sight Singing and Ear-Training. Continuation of Music 113-4. Emphasis on rhythmic, melodic, and harmonic dictation and polyphonic singing. Prerequisite: Music 113-4. Meets twice weekly. Two hours' credit per semester.

215. Church Music. A general survey of church music history with particular emphasis on music in the Southern Baptist denomination; a study of choir organization, hymnody, and group voice training as applied to choirs of the various age levels. Music 110 prerequisite for student with no musical background. Meets twice weekly for one semester. Two hours' credit.

216. Music Appreciation. A course dealing with the development of music from the pre-Bach age to the modern period. Opportunity is provided for the student to listen to recordings illustrative of the various periods. Meets three times per week for one semester. Two hours' credit.

311-2. Conducting. A study of the history and evolution of the art of conducting musical groups; the use and applied technique of

the baton; problems of vocal and instrumental conductors; essential qualifications of a successful conductor; choral and instrumental score reading. Meets one time per week for two semesters. One hour credit per semester.

313-4. Orchestration. A study of the individual characteristics of the various instruments of the modern orchestra. The arrangement for the orchestra of original or standard compositions and arrangements for ensemble groups. Preparation of orchestral and ensemble scores. Prerequisite: Music 211-2. Meets twice weekly for two semesters. Two hours' credit per semester.

315-6. History of Music. Music from ancient and medieval times to the present day, showing contributions to our present musical culture. The development of the opera, orchestra, instrumental music, etc. Contemporary trends. Observation and performance of typical compositions of representative composers, including little known early works. Collateral reading and reports. Prerequisite: Music 110. Meets three times per week for two semesters. Three hours' credit per semester.

317-8. Form and Analysis. Nomenclature. Consideration of musical form in music from ancient and medieval periods, through the polyphonic and nineteenth century periods, to the present day. Prerequisites: Music 211-2. Meets twice weekly for two semesters. Two hours' credit per semester.

411-2. Strict Counterpoint. The study of the five individual species and florid combined species of strict contrapuntal writing. Prerequisites: Music 211-2. No credit toward graduation for less than two semesters. Meets twice weekly for two semesters. Two hours' credit per semester.

413-4. Musical Composition. A study of methods and styles of musical composition. Actual compositions prepared by the students. Prerequisites: Music 211-2, 317-8. Meets twice weekly for two semesters. Two hours' credit per semester.

415-6. Pedagogy and Literature. A course of instruction primarily for instrumental or voice majors of advanced standing, considering the literature and methods of instruction in the respective field. Meets twice weekly for two semesters. Two hours' credit per semester.

457. Public School Music. Selection and presentation of rote songs; the child voice in singing; treatment of the unmusical child; development of rhythmic and melodic expression; introduction

of staff notation; direct listening. Prerequisite: Music 110. Meets twice weekly for one semester. Two hours' credit.

APPLIED MUSIC

121-2. Class Piano. Basic keyboard musicianship and piano playing in ensemble and solo selections graded according to those in each section of class. Meets twice weekly for two semesters. One hour's credit per semester.

125-6. Freshman Piano. All major and minor scales at a moderate tempo; all major and minor arpeggios (triads) in fundamental position and inversions; Etudes or exercises selected from Czerny Cramer, Hanon; Bach, Little Preludes and Fugues, Two-Part Inventions; Sonatas by Haydn, Mozart and the easier sonatas by Beethoven; compositions by other classic and romantic composers. A minimum of three compositions must be satisfactorily played and two must be completely memorized at the end of the semester. Two private half-hour lessons weekly. Two or three hours' credit per semester.

225-6. Sophomore Piano. Continuation of technical plan including the playing of scales in 3rds, 6ths, 10ths; arpeggios, dominant seventh chords and diminished seventh chords with inversions; Czerny; Bach, Well-Tempered Clavier, Three-Part Inventions or material of similar grade; Beethoven, Sonatas Op. 2 to 53. Compositions must be satisfactorily played, both technically and interpretatively and two must be completely memorized at the end of the semester. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

325-6. Junior Piano. Bach, French Suites or Preludes and Fugues from the Well-Tempered Clavier, Chorale Preludes, Toccatas; Beethoven, Sonatas Op. 78-111. Classic and modern composers. Minimum of three compositions must be satisfactorily played, two of which must be memorized. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

425-6. Senior Piano. The student will be examined each semester in advanced material studied during the senior year. The senior recitals shall consist of one of the more difficult Beethoven, Schumann, or Chopin sonatas or any polyphonic work of similar grade; Chopin Etudes; pieces by Chopin, Brahms, Debussy, etc., and contemporary composers. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

525-6. Senior Piano. A course of advanced piano instruction for students with exceptional musical background. Prerequisites: Music 125 through 426. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

127-8. Freshman Organ. Stainer, The Organ; Bach, Eight Little Preludes and Fugues; pedal scales; hymns; miscellaneous compositions from the nineteenth and twentieth centuries of not too advanced level of difficulty. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

227-8. Sophomore Organ. Bach, preludes and fugues of approximately the E Minor (Cathedral) level of difficulty; sonatas of the level of difficulty of Mendelssohn's second Sonata; selected examples from the Bach Orgelbuchlein; miscellaneous nineteenth and twentieth century compositions of a lyrical nature and of a level of difficulty comparable with the above compositions. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

327-8. Junior Organ. Bach, Chorale Preludes, Second Sonata, Preludes and Fugues in E minor and A minor, or works of comparable difficulty; more difficult Mendelssohn sonatas; Franck, Piece Heroique; contemporary works by Milhaud, Bingham, Purvis, etc. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

427-8. Senior Organ. Bach, B Minor (Great) Prelude and Fugue, Fantasie and Fugue in G Minor, Third Sonata; Vierne, Symphony No. 1; Widor, Fifth Symphony; miscellaneous compositions of comparable difficulty. Two private half-hour lessons weekly. Three or four hours' credit per semester.

527-8. Senior Organ. A course of advanced organ instruction for students with exceptional musical background. Prerequisites: Music 127 through 428. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

131-2, 231-2, 331-2, 431-2, 531-2. Class Violin. The study of the violin through the medium of class work. Instruments for this instruction are supplied by the department. Meets twice weekly for two semesters. One hour's credit per semester.

133-4. Freshman Violin. Method of Maia Bang or another approved method. School of Violin Technique, Op. 1, Book I, by Sevcik. Daily Studies by Zajic-Czerwonky. Etudes by Wohlfahrt. Scales, Pieces, and arpeggios in grade. Hayser, Op. 20, Book I; Allard,

Op. 10, No. 1. Dancla, Op. 126. Solos chosen to apply technique. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

233-4. Sophomore Violin. Kayser, Book II. Dancla, School of the Five Positions, Op. 122, Dont, Op. 27, A minor. Selected studies, concertos and solos to meet the need of the individual student. Kreutzer Etudes. Rode Etudes, Rode Concertos, Nos. 4, 7, 8. Viotte No. 23, 19, or 22. Compositions by Leonard DeBeriot, Czerwonky, Saenger, Severn and others. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

333-4. Junior Violin. School of Violin Technique, Op. 1, Book II, and School of Bowing by Sevcik. Double Stop Studies by Hogman. Studies by Kreutzer and Fiorillo. Concertos, Spohr 2, 6, 8, or 9. Wieniawski, No. 2. Vieuxtemps, Nos. 4 or 5. Schradieck, 25 Studies. Technical Studies by Sevcik. Etudes by Rode, Sebald, and Dont. Concertos by Vieuxtemps, Mozart and Max Bruch. Pieces by Wieniawski, Sarasate, Hubay, Czerwonky, Kreisler, and others. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

433-4. Senior Violin. Technique of Grade 6 continued. Concertos by Mendelssohn, Saint-Sæns and Symphonic Espagnole by Lalo. Paganini Caprices. Bach Sonatas for Violin alone. Concertos and concert pieces. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

533-4. Senior Violin. A course of advanced violin instruction for students with exceptional musical background. Prerequisites: Music 133 through 434. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

159-60. Freshman Flute. Tone studies; scales and arpeggios in various forms; Reichert, Exercises Journaliers; Boehm Studies; Soussman Etudes for Flute. Two private half-hour lessons weekly. Two or three hours' credit per semester.

259-60. Sophomore Flute. Same as above; solos by Cere, Leeuwan, Anderson. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

359-60. Junior Flute. Continuation of above; Lorenzo Studies; Kuhlau, solos and duets; Orchestral Studies; ensemble. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

459-60. Senior Flute. Same as above; Anderson, School of Virtuosity; Bach Sonatas; Mozart Concert; Orchestral Studies. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

161-62. Freshman Oboe. Brod-Gillet, Oboe Method; Andraud and Verroust, Studies; Scales and Arpeggios; Solos by Pierne, Widor and Limon. Two private half-hour lessons weekly. Two or three hours' credit per semester.

261-62. Sophomore Oboe. Brod, Lemotte and Luft studies; solos and sonatas by Mozart, Godard, Marcello and Verroust. Two private half-hour lessons weekly. Two or three hours' credit per semester.

361-62. Junior Oboe. Continuation of above; solos, sonatas and concertos by Sænt-Sæns, Telemann and Haydn. Two private half-hour lessons weekly. Two or three hours' credit per semester.

461-62. Senior Oboe. Same as above; Orchestral studies; ensemble literature. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

163-64. Freshman Clarinet. Tone studies; scale studies in various forms; arpeggios; Klose Method. Two private half-hour lessons weekly. Two or three hours' credit per semester.

263-64. Sophomore Clarinet. Rose Studies; Baerman Studies; Concerti by Mozart and Weber. Two private half-hour lessons weekly. Two or three hours' credit per semester.

363-64. Junior Clarinet. Cavallini Caprices; Bærman Studies; Transposition; Sonatas by Brahms, Milhaud, Tuthill and others. Two private half-hour lessons weekly. Two or three hours' credit per semester.

463-64. Senior Clarinet. Jean-Jean and Labanchi studies; orchestral studies; Debussy Rhapsody. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

165-66. Freshman Bassoon. Tone development; Scales and arpeggios; Weisenborn Etudes. Two private half-hour lessons weekly. Two or three hours' credit per semester.

265-66. Sophomore Bassoon. Milde, Concert Studies and Arpeggio Studies; standard concert literature. Two private half-hour lessons weekly. Two or three hours' credit per semester.

365-66. Junior Bassoon. Clef drills; solo and sonata literature; Gumpert, Orchestral Studies. Two private half-hour lessons weekly. Two or three hours' credit per semester.

465-66. Senior Bassoon. Continuation of orchestral studies; advanced solo and sonata literature. Two private half-hour lessons

weekly, for two semesters. Three or four hours' credit per semester.

167-68. Freshman Trumpet and Cornet. Tone production; scales and arpeggios; Arban Method; solo literature of Ropartz, Simon, Clarke, Bellstedt. Two private half-hour lessons weekly. Two or three hours' credit per semester.

267-68. Sophomore Trumpet and Cornet. Same as above; studies by Arban; St. Jacome, Pietzch, Harris; solos by Bach, Clarke, Sænt-Sæns. Two private half-hour lessons weekly. Two or three hours' credit per semester.

367-68. Junior Trumpet and Cornet. Arban continued; transposition; Maxime-Alphonse Studies; solos by Bach, Dubois, Enesco; orchestral studies. Two private half-hour lessons weekly. Two or three hours' credit per semester.

467-68. Senior Trumpet and Cornet. Studies by Buonomi, Chavannes; orchestral studies; solos by Desportes, Bozza, Ibert. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

169-70. Freshman Horn. Major and minor scales; Tone production; exercises by Kopprasch. Two private half-hour lessons weekly. Two or three hours' credit per semester.

269-70. Sophomore Horn. Studies by Franz, Kling and Kopprash; transposition; Beethoven Sonata. Two private half-hour lessons weekly. Two or three hours' credit per semester.

369-70. Junior Horn. Continuation of above; prominent solos and symphony and operas; Concertos by Mathias and Strauss. Two private half-hour lessons weekly. Two or three hours' credit per semester.

469-70. Senior Horn. More of the above; transposition in all keys; chamber music; orchestral studies. Two private half-hour lessons weekly. Three or four hours' credit per semester.

171-72. Freshman Trombone and Euphonium (Baritone). Mantia and Bordoghi-Rochut studies; scales and arpeggios; solos by Pryor, Zimmerman and Simons. Two private half-hour lessons weekly. Two or three hours' credit per semester.

271-72. Sophomore Trombone and Euphonium (Baritone). More of the above; Blume Duets; solos by Barat, Croce-Spinelli, David. Two private half-hour lessons weekly. Two or three hours' credit per semester.

371-72. Junior Trombone and Euphonium (Baritone). Kopprasch, Studies; orchestral studies, solos by Busser, Pfieffer, Bigot,

Rosseau, Dubois. Two private half-hour lessons weekly. Two or three hours' credit per semester.

471-72. Senior Trombone and Euphonium (Baritone). Same as above; Lafosse and Blazewitch studies; difficult passages, symphonic and operatic; transcriptions of Haydn, Mozart and Beethoven; solos by Salzedo, Videl, Leclercq. Two private half-hour lessons weekly. Three or four hours' credit per semester.

151-2, 251-2, 351-2, 451-2. Senior Band. A course in band instruction designed to train students for performance and band directing. Various phases of organization, technique, literature, interpretation, etc., involved in professional demands are treated exhaustively. Performance will include various concerts and performance at athletic events. Three rehearsals per week. One hour's credit per semester.

173-4, 273-4, 373-4, 473-4. Junior Band. A course in elementary band instruction open to freshmen, sophomores, and music education majors. Instruments of the student's choice may be rented at the local music stores. At the end of one year of instruction those students showing promise and talent may be selected to participate in the Senior Band. Two rehearsals per week. One hour's credit per semester.

237. String Class Methods. A class of string instruments is conducted as an introduction to the teaching of stringed instruments. Meets twice weekly for one semester. One hour credit.

238. Woodwind Class Methods. A class in woodwind instruments is conducted as an introduction to the teaching of woodwind instruments and as a demonstration of class teaching of these instruments. Meets twice weekly for one semester. One hour credit.

239. Brass Class Methods. A class of brass instruments is conducted as an introduction to the teaching of brass instruments and as a demonstration of class teaching of these instruments. Meets twice weekly for one semester. One hour credit.

141-2, 241-2, 341-2, 441-2, 541-2. Class Voice. Theory and practice of vocal tone production in small groups. Individual attention and solo training. Two half-hour lessons weekly for two semesters. One hour's credit per semester.

143-4. Freshman Voice. Principles of breathing. Enunciation. Solfege exercises and vocalises consistent with the needs of individual student. Repertoire of old English and old Italian. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

243-4. Sophomore Voice. Vocalises continued. Studies in diatonic and chromatic scales, the trill and other embellishments. Italian songs and selected songs by Handel, Mozart, Schubert, Schumann, and others of the classic and romantic periods. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

343-4. Junior Voice. Studies for flexibility, style and expression. Recitative, lyric and dramatic arias from the operas and oratorios of Handel, Haydn, Mozart; Lieder; songs by 19th century composers; and songs by modern composers. Recital. Two private half-hour lessons weekly for two semesters. Two or three hours' credit per semester.

443-4. Senior Voice. Classic romantic and modern song literature. Oratorio, opera. Recital. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

543-4. Senior Voice. A course of advanced voice instruction for students with exceptional musical background. Prerequisites: Music 143 through 444. Two private half-hour lessons weekly for two semesters. Three or four hours' credit per semester.

Ensembles

123-4, 223-4, 323-4, 423-4. Piano Ensembles. Small piano groups organized for instruction in playing music for more than one piano as well as for playing piano duets and trios. Meets twice weekly for two semesters. One hour's credit per semester.

145-6, 245-6, 345-6, 445-6. Mixed Chorus. Any student may be admitted to the chorus after consultation with the director. At least two formal public performances are presented during the school year. Opportunity is provided for the study of both sacred and secular choral music. Meets twice weekly for two semesters. One hour's credit per semester.

147-8, 247-8, 347-8, 447-8. Vocal Ensembles. Various small choral ensembles such as women's trios and double trios, male quartets, etc., are organized both for the sake of pure enjoyment of participation and for public performances upon many and varied occasions. Meets twice weekly for two semesters. One hour's credit per semester.

153-4. Brass Ensemble. Performance of literature for various combinations of brass instruments i. e. Trios, quartets, quintets, sextets, etc. Meets once each week. One hour's credit per semester.

155-6. Woodwind Ensemble. Performance of literature for various combinations of woodwind instruments. Meets once each week. One hour's credit per semester.

ART

The Art Department provides an opportunity for students to develop their powers of perception, appreciation, knowledge, and discrimination of art, both past and present; to develop art skills and to provide opportunity for creative expression and effective use of leisure time; to provide opportunity to develop skills, methods, and techniques of teaching art in the school, church, or recreational program.

A minor in art consists of 18 hours, 6 of which must be junior and senior level courses.

Art History and Appreciation

111. Art Appreciation-Orientation. An interpretation of the visual and space arts for the development of effective criteria for judgment and the enjoyment of art expression. Two hours' credit.

313-4. Art Appreciation-Survey. Constitutes a survey of painting, sculpture, architecture, and the minor arts as represented by significant examples of art from prehistoric to modern times. Two hours' credit per semester.

315. House Planning. A non-technical course in the understanding of the house in terms of better living. Two hours' credit.

Drawing, Painting, and Design

114. Lettering. Development of sufficient skill to letter quickly and effectively show cards, announcements, and posters. Two one-hour laboratory periods per week. One hour's credit.

115. Art Laboratory. A basic course in art designed to meet the student's individual needs and interests and to provide opportunity to experiment with different media. Two laboratory periods per week. Two hours' credit.

311-2. Drawing, Painting and Composition. A course in studio painting practice. 311, still-life drawing and painting in charcoal and oil; 312, outdoor sketching and painting in watercolor and oil. Three laboratory periods per week. Three hours' credit per semester.

411-2. Advanced Painting. Designed to meet individual needs and interests in painting. Experimental techniques and media. Prerequisite: Art 311-2 or consent of the instructor. Three laboratory periods per week. Three hours' credit per semester.

Crafts and Ceramics

113. Photography. A beginning course in photography including the necessary skills of photographic reproduction and emphasizing the camera as a creative art medium. Two one-hour laboratory periods per week. One hour's credit.

213. Crafts Laboratory-General Crafts. Fundamental craft techniques in various mediums, emphasizing good design and proper use of material. Three laboratory periods per week. Three hours' credit.

214. Crafts Laboratory-Ceramics. Creative expression in the ceramic arts and the development of form in the plastic medium of clay. Three laboratory periods per week. Three hours' credit.

Art Education (See also additional courses listed Education)

215. Art in the Elementary Schools. A laboratory course designed for elementary teachers in the development of art skills for the elementary school. Two laboratory periods per week. Two hours' credit.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education believes physical education to be that part of the total school program which adds its unique contribution primarily through the medium of large muscle activity; with the acquisition of motor skills of interest to youth and of value in later life recreational activities; and with the development of socially desirable habits, attitudes, and knowledge which contribute to the aims of education.

The aims of the Health and Physical Educational Department are as follows: to build a basis in scientific information for good health attitudes and habits; to guide youth in the conservation and improvement of their own health; to cultivate in the student socially desirable attitudes and traits, to offer opportunity for recreation; to emphasize the acquiring of skills in recreational physical activities that can be used pleasantly and profitably in later life; to prepare teachers (coaches), health educators, supervisors, administrators and other specialists in the fields of school and community health, physical education, and recreation.

The Health and Physical Education Department feels since the emphasis in education is being placed on the complete development of each individual, students should be brought to realize the importance of that part of their education which comes through participation in physical activities. With this purpose in mind, the faculty at Union University requires all students to have two hours of physical education per week during their freshman and sophomore years.

Students majoring or minoring in Health and Physical Education must meet the following requirements:

I. Major in Health and Physical Education.....24

A. Health 12

(To be selected from)

1. 218, 220, 222
2. 323, 324, 325
3. 417, 419

B. Theory and Practice.....12

(To be selected from)

1. 317, 318, 320, 321, 322
2. 414, 416, 418

C. Basic Sciences 3

II. Minor in Health and Physical Education.....18

A. Health 6

(To be selected from)

1. 222, 323, 324
2. 220 or 419

B. Theory and Practice.....12

(To be selected from)

1. 317, 318, 320, 321, 322
2. 414, 416, 418

111. Physical Education. An exploratory course in physical education activities. One-half hour credit.

112. Physical Education. A continuation of Physical Education 111. One-half hour credit.

113. Aquatics I: Beginners Learn to Swim. This Aquatic Course is offered for the students that cannot swim or who have acquired no aquatic skills whatsoever. The objective of this course is to instruct students how to swim by using nationally recommended methods. Two hours' credit.

211. Physical Education. An exploratory course in Physical Education activities. One-half hour credit.

212. Physical Education. A continuation of Physical Education 211. One-half hour credit.

213. Aquatics II: Advanced Aquatics. This Aquatic course is offered for the students who are able to swim, but who desire to acquire better swimming skills such as: breast stroke, side stroke, crawl stroke, back swimming, life saving stroke, flutter kick, scissor kick, inverted scissor kick, frog kick and increasing swimming ability that they may be able to swim 440 yards. Two hours' credit.

214. Tumbling & Stunts. Theory and Practice. One hour credit.

215. Golf & Tennis. This is a beginning course covering the basic fundamentals. Theory and practice. Two hours' credit.

216. Marching & Calisthenics. Theory and practice. One hour credit.

217. Minor Sports. This course covers the history and rules and gives practice in playing a number of sports such as volleyball, archery, badminton, bowling, table tennis, touch football, and speedball. Two hours' credit.

218. Safety Education. This course strives to develop habits and attitudes consistent with physical safety in every-day activities. Accident prevention is stressed. Two hours' credit.

219. Officiating Minor Sports. Emphasis is placed upon techniques and mechanics of officiating and the interpreting of the official rules concerning minor sports. Two hours' credit.

220. Health and Physical Education in the Elementary Schools. Techniques of teaching with curriculum planning, including selection of material suitable for different age levels in grades one through eight. Two hours' credit.

221. Recreational Sports and Games. Practice and study of techniques in the following sports and games; table tennis, badminton, croquet, shuffleboard, and social recreation. Two hours' credit.

222. First Aid. A course related to the study of the methods of giving first aid. The standard and advanced American Red Cross First Aid Certificates are awarded to students completing the course. Two hours' credit.

313. Aquatics III: Life Saving. Aquatics III is for students who have completed the Aquatic II course. The purpose of this course is to instill in the minds of the students the principles of water safety and to certify those students who successfully complete the course as lifesavers. To become a lifesaver a student shall be required to master many skills such as: (1) disrobing in water; (2) using disrobed clothing as buoyants; (3) dealing with cramps in the legs or other parts of the body; (4) acquiring the skills of reaching and wading assists; (5) knowing how to assist a tired swimmer or a novice swimmer; (6) knowing how to enter the water when going to a rescue; (7) various approaches when rescuing a drowning person; (8) various carries to be used when towing a person from the water; (9) defensive tactics to be used when attacked by a frantic victim; (10) shallow water carries and (11) artificial resuscitation. Students desiring this course shall be required to pass a written and acual water examination. Two hours' credit.

314. Basketball & Track. This is a teacher-training course in these two sports. A thorough study is made of the basic fundamentals of the games, giving correct forms and methods of teaching. This course includes a study of the various offensive and defensive systems in use, rules, team play, method of practice, and coaching methods. Two hours' credit.

315. Football & Baseball. This is a teacher-training course in these two sports. A thorough study is made of the basic fundamentals of the games, giving correct forms and methods of teaching. This course includes a study of the various offensive and defensive systems in use, rules, team play, method of practice, and coaching methods. Two hours' credit.

316. Advanced Golf & Tennis. A continuation of the fundamentals with emphasis on the points of individual weaknesses. Prerequisite: P. E. 215, or permission of the instructor. Two hours' credit.

317. Organization & Administration of Intramurals. A study of the problems involved in planning, organizing, and directing a coordinated program of recreation within the school. Attention is given to units, time, activities, points, awards, rules, finances, publicity, co-recreation, and other administrative problems. Three hours' credit.

318. Athletic Injuries. Theory and practice in treating the more common injuries in physical education and athletic activities. Attention will be given to massage, bandaging, treatment of sprains, strains, bruises, and wounds; diet and conditioning of athletes. Experience in the training room will be given. Three hours' credit.

319. Officiating Major Sports. Emphasis is placed upon techniques and mechanics of officiating and the interpreting of the official rules concerning major sports. This course will prepare you for membership in local or state officials' associations. Two hours' credit.

320. Community Play and Recreation. Discussion and handling of playground and adult recreation under supervision covering: Types of play area, playground layout, design, construction, management, supervision, and care of equipment. Conducting program of activities adaptable for all ages; handicraft, nature work, music, athletics, dramatics, dancing, story telling. Organization and conduct of leagues, meets, pageants, and routine athletics. Nature and function of play and age periods. Open to non-majors. Two hours' credit.

321. History and Principles of Physical Education. A study of the historical background, general scope, principles, and objectives of health and physical education in its relationship to education as a whole. Two hours' credit.

322. Methods and Materials in Rhythms. A practical activity

course for teaching rhythmical activities to pupils in the elementary and secondary schools. Two hours' credit.

323. School Health Education. A study of the aims, methods and materials for teaching health in the schools. Three hours' credit.

324. Personal Hygiene. A study of the care of the body in respect to structure and functioning. Two hours' credit.

325. School and Community Health Problems. A study of problems relating to health and sanitation in the school and community. Attention is given to the consideration of the causes, prevention, and control of communicable diseases. Two hours' credit.

413. Aquatics IV: Aquatic Instructor. Aquatics IV may be taken by students who have completed the Aquatic II and III courses and who desire to acquire the necessary skills to become an instructor in aquatics. The student shall be taught the teaching techniques that are used when dealing with non-swimmers, novices and life-saving students. A written test and a practice teaching test shall be required of all students studying Aquatics IV. Two hours' credit.

414. Tests and Measurements. To familiarize the student with various tests and measurements in the field of physical education. Special attention to methods of giving and scoring tests and to the uses to be made of the results obtained. An evaluation of test material and testing programs forms an important part of the course. Three hours' credit.

415. Driver Education. Theory and Practice in conducting driver education programs. This course leads to the A.A.A. certificate qualifying persons to conduct programs in driver training and driver education. Prerequisite: P. E. 218 and drivers license. Three hours' credit.

416. Physical Inspection and Correction of Remediable Defects. A study of preventative, diagnostic, and corrective exercises effective with postural and other remediable defects. Prerequisite: Biology Anatomy. Two hours' credit.

417. Observation and Teaching. This course is designed to give students in their junior or senior year practical teaching experience as a lead-up to the actual course in practice teaching in the senior year. The student will be assigned to a member of the physical education staff as assistant in one of the required physical education classes. He will critically observe the teacher as well as

assist in teaching. All students who sign for this course will meet as a group one period a week for a discussion of problems arising from their observation and teaching assignment. Two hours' credit.

419. Organization and Administration of Physical Education. A course designed for majors in physical education. The course deals with the administrative problems in a department of physical education in the city school system, rural district, elementary and high school, and colleges. Three hours' credit.

DEPARTMENT OF PHYSICS

It is the purpose of this department to help the student understand the workings behind many of the physical phenomena that occur around him every day. It is also to create an interest in him to realize and to utilize the powers of analysis in all aspects of life.

The courses in the physics department are designed to provide basic content for students classified as physics majors and minors, non-science majors, pre-professionals, and those preparing to teach physics in high school. Included also are courses of general interest open to all students.

Students majoring or minoring in Physics must meet the following requirements:

I. Major in Physics—24 hours
   A. Physics 411-2
   B. Ten hours on the junior or senior levels.
   C. Only three hours of Physics 111-2 will be allowed on major or minor requirements.

II. Minor in Physics—18 hours
   Six hours on the junior or senior levels.

111-2. Introductory Physics. A non-mathematical introduction to the basic areas of physics with emphasis on scientific progress through experimentation. This course will satisfy the science requirement for the A.B. or the B.S. degrees, and requires no previous acquaintance with physics. Two lectures or recitation hours and one laboratory period per week. Three hours' credit per course.

211. General Physics. A course in that part of physics dealing with the fundamental laws of mechanics, heat, and sound. Prerequisites: Mathematics 112 or permission of the instructor. Three lecture or recitation hours and one laboratory period per week. Four hours' credit.

212. General Physics. A study of the fundamental laws of electricity, magnetism, light, and modern physics. Three lecture or recitation hours and one laboratory period per week. Prerequisite: Physics 211 or permission of instructor. Four hours' credit.

213. Physical Science. A basic course to meet the General Education requirements for certification of teachers. This course will include instruction in the basic ideas of science as they are particularly related to the physical sciences and in the scientific method in problem solving. Credit not to apply toward major or minor. Two hours' credit.

214. Acoustics. A study of the fundamentals of the production, transmission, reflection and absorption of sound. This course is primarily for music majors and does not carry credit toward a major or minor in physics. Three recitation, lecture or laboratory periods per week. No prerequisites. Three hours' credit.

315. Intermediate Heat. A study of pyrometry, thermomometry, calorimetry, and change of state and an introduction to the laws of thermodynamics. Prerequisite: Physics 211 and Mathematics 211. Two hours' credit.

316. Intermediate Sound. A study of vibrating strings and membranes, with emphasis on the acoustical properties of various shaped cavities. Prerequisite: Physics 211 and Mathematics 211. Two hours' credit.

317. Physical Optics. A study of the principles of physical optics and the application of these principles. Prerequisite: Physics 212 and Mathematics 211. Two hours' credit.

318. Elementary Electronics. A study of vacuum tubes, circuits, thermonics, photo-electricity, et cetera. Prerequisite: Physics 212 and Mathematics 211. Two hours' credit.

319-20. Laboratory Practice. Special laboratory problems. One three-hour laboratory period per week. A student need not take both semesters of practice to receive credit for just the one. Prerequisite: Physics 212 and Mathematics 211. One hour's credit per semester.

323. Descriptive Astronomy. A brief introduction to astronomy designed for those wishing a general knowledge of the subject. A description of the members of the solar system and a brief history of the subject showing its contribution to the progress of science. Not to apply toward a major or minor. There are no prerequisites. Two hours' credit.

324. Introductory Meteorology. A brief study of weather maps and polar front analysis and an introduction to the principles underlying weather forecasting. Does not carry credit toward a major or minor. There are no prerequisites. Two hours' credit.

411-2. Atomic and Nuclear Physics. A year's course in the study of the atom with special thought given to spectra, the production of X-rays, natural and induced radioactivity, high energy machines, health physics, et cetera. Included also is a study of the men of modern physics. Prerequisite: Physics 212 and Mathematics 212. Three hours' credit per semester.

DEPARTMENT OF RELIGION AND PHILOSOPHY

THE COURSES of the Department of Religion and Philosophy are designed for a twofold purpose: To give the student an understanding of the basic principles of the Bible as they appear in their historical setting; and to acquaint the student with the merits, values, and distinctive contributions of the Christian religion to the religious experience of mankind.

The work of the department is planned to contribute to the cultural and spiritual benefit of the entire student body. Specialized training is also provided for the following:

1. The ministerial or missionary student who will seek further preparation in a theological seminary. Likewise, equal provision is made for the student whose formal preparation will terminate with graduation.

2. The religious education director, minister of music, or church secretary who desires specialized religious training on the college level.

Students majoring in Religion must meet the following requirements:

I. Major in Religion—24 hours
   - A. 24 hours of Religion
     1. Religion 111, 112, 214
     2. Religion 216, 217
     3. Three hours to be selected from Religion 314, 413
     4. Three hours to be selected from Religion 315, 317, 414
     5. Elective Religion 4 hours—not more than three of which may be taken from Religion 320, 321, 416
   - B. Philosophy 311

II. Minor in Religion—18 hours
   - A. 18 hours in Religion
     1. Religion 111, 112
     2. Religion 216, 217
     3. Three hours to be selected from Religion 314, 413
     4. Three hours to be selected from Religion 315, 317, 414
   - B. Philosophy 311

RELIGION

111. OLD TESTAMENT SURVEY. A survey of the history of the Hebrews from Adam through the reign of David. Three hours' credit.

112. Old Testament Survey. A survey of the history of the Hebrews from Solomon through Malachi. Prerequisite: Religion 111. Three hours' credit.

213. Poetical Books. An intensive study of the poetic and wisdom literature of the Old Testament. Prerequisites: Religion 111-2. Two hours' credit.

214. The Intertestament Period. A survey of the Greek, Roman and Jewish cultures of the intertestament period. Two hours' credit.

215. Evangelism. A study of the history, principles and methods of evangelism. Prerequisites: Religion 111, 216. Two hours' credit.

216. The Life of Christ. The life of Christ as recorded in the four gospels. Three hours' credit.

217. Acts. The Christian movement as recorded in Acts together with a study of selected Pauline Epistles. (Galatians, I and II Thessalonians, and Philippians). Prerequisite: Religion 216. Three hours' credit.

218. Ministerial Ethics and Practices. A survey of the basic issues connected with the call to and exercise of the office of the Christian ministry. Required of all ministerial students during first year of attendance in Union. One hour's credit.

311. Church History. A historical survey of Christianity from the apostolic era until the Protestant Reformation. Prerequisites: Religion 217. Two hours' credit.

312. Church History. A historical survey of Christianity from the Protestant Reformation through the First Great Awakening in America. Prerequisite: Religion 311. Two hours' credit.

313. Ethics. An analysis of the principles of Christian ethics. Prerequisites: Philosophy 311 and any upper level Old Testament or New Testament course. Two hours' credit.

314. Minor Prophets. An intensive study of the minor prophets. Prerequisites: Religion 112. Three hours' credit.

315. Pauline Epistles. A survey of the Pauline Epistles. Prerequisite: Religion 217. Three hours' credit.

316. Christian Doctrine. An analysis and interpretation of Christian doctrine. Prerequisite: Any one of the following courses: 314, 315, 317, 413. Two hours' credit.

317. Hebrews, General Epistles, Revelation. A survey of Hebrews, General Epistles and Revelation. Prerequisite: Religion 217. Three hours' credit.

318. Homiletics. A study of the basic techniques of sermon preparation and delivery. Open to ministerial students. Two hours' credit.

319. Comparative Religion. A survey of the world's major religions. Prerequisite: Religion 217. Two hours' credit.

320. Introduction to Religious Education. A study of the origin, scope and importance of religious education. (Introductory attention will be given to the nature of the New Testament church.) Prerequisite: six hours of Religion. Three hours' credit.

321. Religious Education in the Church. An intensive study of the origin, purposes, officers and curriculum of the organizations of the local church. Prerequisite: six hours of Religion. Three hours' credit.

413. Major Prophets. An intensive study of the major prophets. Prerequisites: Religion 112. Three hours' credit.

414. The Johannine Literature. An intensive study of the Gospel of John and the Johnannine Epistles. Prerequisite: Religion 217. Three hours' credit.

416. Psychology of Religion. A careful study of the factors in the religious experience. Prerequisite: Religion 217. Three hours credit.

PHILOSOPHY

311. Introduction to Philosophy. A survey of the branches of philosophy and its history from Thales through Augustine. Prerequisite: Junior standing. Three hours' credit.

312. History of Philosophy. A survey of the history of philosophy from Augustine until the modern period. Prerequisite: Philosophy 311. Three hours' credit.

413. Logic. A study of inductive and deductive methods of reasoning. Prerequisite: Philosophy 311. Two hours' credit.

DEPARTMENT OF SOCIAL SCIENCES

The primary purpose of instruction in the social sciences is to enable the student to assume more effectively his responsibilities as a citizen and as a leader. Such preparation should include not only knowledge of our cultural heritage but also the ability to analyze contemporary social forces.

Students majoring or minoring in history must meet the following requirements:

I. History major—24 hours
   A. History 111-2, 211-2.
   B. Ten hours must be junior and senior level courses.
   C. Political Science 211 is recommended.

II. History minor—18 hours
   A. History 111-2, 211-2.
   B. Six hours must be junior and senior level courses.

Students minoring in sociology must meet the following requirements:

I. Eighteen hours of sociology which shall include:
   A. Sociology 211
   B. Sociology 417

HISTORY

111. Europe, 376 to 1660. Survey of cultural, economic, political, religious, and social developments. Three hours' credit.

112. Europe, 1660 to the Present. A continuation of History 111. Three hours' credit.

211. The United States, 1492 to 1865. A survey of political, social, and economic developments particularly as they reflect the development of the American democratic tradition. Three hours' credit.

212. The United States, 1865 to the Present. A continuation of History 211. Three hours' credit.

213. Ancient Greece and the Near East. Early Minoan civilization, rise of the Greek city-state, political and social history through the Hellenistic period. Two hours' credit.

214. Rome and the West. Roman conquest of Italy; rise and decline of the republic; rise of the empire; contribution to western civilization. Two hours' credit.

311. History of England to the Eighteenth Century. A study of the origin and growth of the English people from ancient times to the eighteenth century. Emphasis is placed on constitutional developments. Prerequisite: History 111 or consent of the instructor. Three hours' credit.

312. England from the Eighteenth Century to the Present. Stress is placed upon main currents of thought, constitutional changes, the rise of parliament, and imperial policy. Prerequisites: History 112 or consent of the instructor. Three hours' credit.

313. History of Latin America. A survey of the history of Latin America from the period of the Spanish Colonial Empire to the present. Prerequisites: 6 hours of American history or consent of the instructor. Three hours' credit.

315. History of Tennessee. The political, constitutional, social, and economic history of Tennessee from 1796 to the present. Two hours' credit.

316. Renaissance and Reformation. Northern, southern, and high renaissance; reformation, counter-reformation, and Protestantism. Two hours' credit.

317. The French Revolution. A study of the background, personalities and events of the revolution, the Napoleonic Wars, and the Congress of Vienna. Two hours' credit.

321. Nineteenth Century Europe. The history of the chief social and political developments from the Congress of Vienna to the close of the Nineteenth century. Prerequisite: History 112 or consent of the instructor. Three hours' credit.

322. Twentieth Century Europe. The history of the chief social and political developments since 1900 with an emphasis on international relations. Prerequisite: History 112 or consent of the instructor. Three hours' credit.

411. History of American Diplomacy, 1776 to 1865. A survey of the most significant developments of American foreign policy. Prerequisite: History 211. Two hours' credit.

412. History of American Diplomacy, 1865 to the Present. A continuation of History 411 with emphasis on problems arising from our emergence as a major world power. Prerequisite: History 212. Two hours' credit.

417. The South. The Old and the New South, 1607 to the present. Prerequisite: History 211 and 212 or consent of the instructor. Three hours' credit.

418. Russia. The history of the political and institutional developments in Russia since Peter the Great with an emphasis on the Russian Revolution and international relations. Prerequisite: History 111 and 112, or consent of the instructor. Three hours' credit.

419. The Far East. A survey of the Far East, pre-da Gaman culture, and the impact of the West upon the Orient. Three hours' credit.

421. American History, 1865 to 1900. Emphasis is placed on problems arising from Reconstruction and rapid industrialization. Prerequisite: History 212 or consent of instructor. Three hours' credit.

422. American History, 1900 to the Present. A survey of recent, political, social and economic changes in the United States. Emphasis is placed on reforms and foreign policies. Prerequisite: History 212 or consent of instructor. Three hours' credit.

SOCIOLOGY

211. Principles of Sociology. A survey of sociology in an effort to master the principles and laws found in social relations. Three hours' credit.

213. Social Problems. A practical introduction to some of the specific contemporary social problems. Prerequisite: Sociology 211, or consent of the instructor. Two hours' credit.

314. Rural Sociology. An intensive course in the elements of rural life to meet the needs of rural teachers, pastors, and other rural community workers. Prerequisites: Sociology 211 or consent of the instructor. Two hours' credit.

315. The American Community. A course planned to help the student obtain insight into American community life. Prerequisites: Sociology 211 or consent of the instructor. Two hours' credit.

316. Crime and Delinquency. A study of the sources of crime and delinquency, theories of punishment, treatment of crime, etc. Prerequisites: Sociology 211 or consent of the instructor. Three hours' credit.

413. Educational Sociology. A study of the relation of the school to the community and other social institutions. Prerequisites: Sociology 211 or consent of the instructor. Two hours' credit.

414. The Family. A course planned to provide background and understanding concerning the trends and problems of marriage and family life. Prerequisite: Sociology 211 or consent of the instructor. Two hours' credit.

415. Population Problems. A study of the social implications of changing birth rates, population shifts, population pressures, etc. Prerequisites: Sociology 211 or consent of the instructor. Three hours' credit.

417. The History of Social Thought. A survey of the origin and development of social thought with an emphasis on contemporary social theory. Prerequisites: Sociology 211 or consent of the instructor. Three hours' credit.

POLITICAL SCIENCE

211. American National Government. A study of the development, structure and operation of our national government. Three hours' credit.

212. American State and Local Government. A survey of the constitutional status of the states, their internal structure and processes of operation. The functions of the county and municipality are examined in the light of present trends toward centralization. Prerequisite: Political Science 211. Two hours' credit.

313. Political Parties and Electoral Problems. A study of the nature, development and functioning of political parties in the United States. Attention is given to leaders, issues, and problems of our party system. Prerequisite: Political Science 211. Two hours' credit.

314. European Governments. A survey of the constitutions and governmental operations of the major powers of Europe. Prerequisites: Political Science 211 or History 322. Three hours' credit.

413. Modern and Contemporary Political Thought. A survey of the leading European and American political ideas from Machiavelli to the present. Prerequisite: Consent of the instructor. Two hours' credit.

GEOGRAPHY

213. Elements of Geography. A basic course emphasizing the physical aspects. Two hours' credit.

311. Geography of North America. An interpretive study of the natural regions and their influence on the economic life of man with an emphasis on the historical development. Two hours' credit.

312. Geography of North America. A continuation of Geography 311. Two hours' credit.

Seniors, 1954-55

Harold Lee Alexander.....Trimble, Tennessee
Claris Marie Armstrong.....Memphis, Tennessee
Mary Lou Baker.....St. Louis, Missouri
Murray Frank Barber.....Stantonville, Tennessee
Emmett Albert Barnes.....Potosi, Missouri
Ormond Barnes.....Bethel Springs, Tennessee
William Reid Bonson.....Jackson, Tennessee
Velma Reid Bowen.....Tigrett, Tennessee
Alice Clement Brewer.....Jackson, Tennessee
James Robert Brown.....Clay, Kentucky
John H. Bruce, Jr.....Central City, Kentucky
Jimmie W. Byassee.....Wickliffe, Kentucky
Martha Ann Carrington.....Parsons, Tennessee
Dorothy Sue Cash.....Princeton, Kentucky
Lanell Wylie Chadwell.....Union City, Tennessee
Louise Clarke.....Friendship, Tennessee
Cecil Lionel Clayton.....McNairy, Tennessee
Bettye Conley.....Alamo, Tennessee
Mollie Waldrop Cowden.....Jackson, Tennessee
L. Jack Criswell, Jr.....Dyersburg, Tennessee
Kenneth Crocker.....Bradford, Tennessee
Donald Henry Deaton.....Jackson, Tennessee
Charles M. Dollar.....Memphis, Tennessee
Mary Evelyn Donnell.....Jackson, Tennessee
Charles M. Edmonds.....Maplewood, Missouri
Martha Ann Edwards.....Pontotoc, Mississippi
Billy Joe Elam.....Jackson, Tennessee
Elsie Elaine Elkins.....Brighton, Tennessee
David Louis Elliott.....Paducah, Kentucky
Albertine Kyker Epps.....Niota, Tennessee
Kassie Irene Frey.....McNairy, Tennessee
Charles Eugene Garrett.....Jackson, Tennessee
Billie Cornell Grantham.....Jackson, Tennessee
Leroy Grissom.....Tupelo, Mississippi
Charles Edward Harris.....Jackson, Tennessee
Gladys Ramelle Hart.....Enville, Tennessee
Barbara Jean Harwell.....Corinth, Mississippi
Kenneth Hawkins.....Jackson, Tennessee
James Franklin Hayes, Jr.....Bemis, Tennessee
Margaret Anne Haynes.....Jackson, Tennessee
Mary Futrell Hearn.....Jackson, Tennessee
William Thomas Helton.....Waynesboro, Tennessee
William Cornell Henley, Jr.....Memphis, Tennessee
Ruth Joyce Henry.....Jackson, Tennessee
Herrell Wade Herriman.....Bemis, Tennessee
Carolyn Steen Hill.....Ripley, Tennessee
Gladys M. H. Hiscox.....Jackson, Tennessee
Willie E. Ingram (Mrs.).....Parsons, Tennessee
Jean L. James.....Ripley, Tennessee
Sadie Lou Johnson.....Jackson, Tennessee
Fred M. Jones.....Scotts Hill, Tennessee
William Fred Kendall, Jr.....Jackson, Tennessee
Barbara Jean King.....Jackson, Tennessee
Carlie Ann King.....Ripley, Tennessee
Juanita King.....Jackson, Tennessee
David Mayer Lawler.....Milan, Tennessee
Frank Ernest Ledbetter, Jr.....Camden, Tennessee

Mary Lorraine Leigh.....Covington, Tennessee
Robert Earl Leigh.....Covington, Tennessee
James Troy Lewis.....Jackson, Tennessee
William Foy Lisenby.....Jackson, Tennessee
Bernice Parker Long.....Jackson, Tennessee
David W. Luckey.....Jackson, Tennessee
Robert Julian McAdams.....Savannah, Tennessee
William C. McAfee.....Jackson, Tennessee
Hester Ann McGill.....Sikeston, Missouri
Bettye Jean McIntosh.....Newbern, Tennessee
Ewell F. McKinnie.....Osceola, Arkansas
William Franklin McKissack, Jr.....Jackson, Tennessee
Robert H. McPeake.....Scotts Hill, Tennessee
Mary Bowden Montgomery.....Chaffee, Missouri
Aubrey Leon Morris.....Martin, Tennessee
Bobby Joe Morris.....Springfield, Tennessee
Robert K. Morris.....Moscow, Tennessee
Bennie Willis Morrison.....Stanton, Tennessee
Thomas O. Naef.....Jackson, Tennessee
Thelma Woodrow Naylor.....Finger, Tennessee
Aubrey Monroe Neal.....Jackson, Tennessee
J. Wilburn Nelson.....Milan, Tennessee
Lewis Pairrish.....Crystal Springs, Mississippi
Thomas H. Pate, Jr.....Finley, Tennessee
Mary Ruth Pearson.....Jackson, Tennessee
Murray H. Pearson.....Gadsden, Tennessee
Charlotte Peddy.....Henderson, Tennessee
Sylvia Buck Phillips.....Jackson, Tennessee
John Phillip Pollard.....Jackson, Tennessee
Alvin Caldwell Powers.....Norfolk, Virginia
Franklin Max Privett.....Alamo, Tennessee
Clyde Lee Riddle.....Wheaton, Missouri
Ernest Richard Ross.....Paris, Tennessee
James M. Sawyer.....Memphis, Tennessee
Virginia Moore Sewell.....Jackson, Tennessee
Joyce Marlene Shelton.....Jackson, Tennessee
Mary Walker Shoaf.....Covington, Tennessee
Christine Sisson.....Lexington, Tennessee
Naomi Ruth Skelton.....Memphis, Tennessee
Billy B. Smith.....Campbellsville, Kentucky
Donald Edward Smith.....Jackson, Tennessee
Frances B. Stewart.....Jackson, Tennessee
Effie Lanell Taylor.....Monette, Arkansas
Martha Ellen Thompson.....Somerville, Tennessee
Mary Louise Tomerlin.....Jackson, Tennessee
William C. Treadwell.....Kingsport, Tennessee
Jack Dalton Tucker.....Cassville, Missouri
Mary Louise Ussery.....Jackson, Tennessee
Clovis Walter Vest.....Covington, Tennessee
Lawrence Zane Wells.....Memphis, Tennessee
Glenda Kay Whittle.....Memphis, Tennessee
Emily Clare Wieland.....Trenton, Tennessee
Johnnie Clifton Wilkinson.....Jackson, Tennessee
Lillie Dale Willard.....Auburntown, Tennessee
Jimmie Owen Williams.....Phoenix, Arizona
Sibyl Marbury Williams.....Bells, Tennessee
Betty Ruth Wilson.....Brownsville, Tennessee
Rosanne Wilson.....Brownsville, Tennessee
James Davis Witherington.....Memphis, Tennessee
Mrs. J. W. Woodard.....Halls, Tennessee

Juniors, 1954-55

William O. Adams.....Jackson, Tennessee
Melvin Eugene Atkins.....Memphis, Tennessee
Thelma Crews Barker.....Jackson, Tennessee
Joe Frank Barnett.....Jackson, Tennessee
Billy Ray Bartlett.....Bolivar, Tennessee
Roy W. Bell.....Linden, Tennessee
Bill B. Blankenship.....Memphis, Tennessee
Robert Cooke Briggs, III.....Jackson, Tennessee
Howard Eugene Burns.....Connersville, Indiana
Lucy Nell Butler.....Jackson, Tennessee
Edward B. Bynum, Jr.....Jackson, Tennessee
Robert Ray Cagle.....Jackson, Tennessee
Dorothy Dean Cantrell.....Milan, Tennessee
Betty Jean Castleman.....Chaffee, Missouri
Frances Owen Chapman.....Medina, Tennessee
Joseph Franklin Cole.....Paris, Tennessee
Donald Brooks Coleman.....Central City, Kentucky
Edith Louise Cooley.....Henderson, Tennessee
Raymond B. Cottrell, Jr.....Richmond, Virginia
Sara E. Cox.....Jackson, Tennessee
Ernest Leon Crider.....Jackson, Tennessee
George Thomas Crocker.....Somerville, Tennessee
Alma Jean Cunningham.....Tucson, Arizona
Billy Joe Duckworth.....Brandon, Mississippi
Mana Darden Duckworth.....Brandon, Mississippi
Thomas Earl Duffey.....Brownsville, Tennessee
Dorothy June Durham.....Ripley, Tennessee
William Hugh Foster.....Jackson, Tennessee
Betty Moore Gass.....Jackson, Tennessee
Mattie K. Gibson.....Parsons, Tennessee
Sara Gill Gideon.....Lexington, Tennessee
Robert Edmond Given, Jr.....Ripley, Tennessee
Robert Kenneth Goodman.....Union City, Tennessee
Gerald D. Green.....St. Louis, Missouri
Imogene S. Green.....Alamo, Tennessee
D. S. Hall.....Jackson, Tennessee
Doris Sue Hardee.....Jackson, Tennessee
Keith D. Hill.....Ripley, Tennessee
Beth Holden.....Jackson, Tennessee
John Granville Hollingsworth.....Henderson, Tennessee
Doris Ann Holloway.....Jackson, Tennessee
James Connie Howell.....Jackson, Tennessee
Albert L. Hulme.....Dyersburg, Tennessee
Jessie Frances Jones.....Jackson, Tennessee
Patricia Ann Jones.....Jackson, Tennessee
Peggy Ann Jones.....Humboldt, Tennessee
Peggy Frances Jones.....Jackson, Tennessee
James Eugene King.....Jackson, Tennessee
Jo Ann King.....Brownsville, Tennessee
Joy Ann Lane.....Jackson. Tennessee
Richard Howell McCutcheon.....Memphis, Tennessee
Ernest Gene McKay.....Louisville, Kentucky
Charles Reginald Maraman.....Jackson, Tennessee
Vance Marberry.....Memphis, Tennessee
Robert Clark Moore.....Jackson, Tennessee
Marcus Wayne Mounce.....Ingomar, Mississippi
Sara Frances Neal.....Paris, Tennessee
Jane Norville.....Memphis, Tennessee
Grace C. Owen.....Ripley, Tennessee
Beverly Constance Pickler.....Memphis, Tennessee

Thomas Bradley Pinson.....Jackson, Tennessee
William H. Pitt.....Milan, Tennessee
May Elizabeth Riddle.....Jackson, Tennessee
Ruby Lee Rollins.....Medina, Tennessee
Robert Earl Saunders.....Memphis, Tennessee
James H. Scott.....Jackson, Tennessee
Robert Dwayne Seger.....New Albany, Mississippi
Billy Franklin Seratt.....Dyersburg, Tennessee
Jimmy Mitchum Shearin.....Jackson, Tennessee
Forrest Shearon.....Bolivar, Tennessee
Donald Ross Shockley.....Jackson, Tennessee
Joann Sims.....Williamsburg, Kentucky
Robert Bell Sims.....Alamo, Tennessee
Jerry Wayne Sisk.....Providence, Kentucky
Billie Nolan Smith.....Selmer, Tennessee
Marian Claire Smith.....Milan, Tennessee
Betty Sue Taylor.....Bells, Tennessee
Billie Jean Thomas.....Pontotoc, Mississippi
Sophia Malin Townsend.....Parsons, Tennessee
Eddie Eugene Truett.....Jackson, Tennessee
Heloise Adkins Tubbs.....Dyersburg, Tennessee
Russell R. Tuck, Jr.....Bradford, Tennessee
Robert Earl Wakefield.....Medon, Tennessee
Lilla Elisabeth Ward.....Jackson, Tennessee
Martha Frances Watkins.....Jackson, Tennessee
Mary Ruth Watlington.....Paducah, Kentucky
Frances Ruth Watson.....Marion, Kentucky
William Ray Whitlow.....Hornsby, Tennessee
Mary Elizabeth Williams.....Bells, Tennessee
Lee Wyatt, Jr.....Jackson, Tennessee
Charles Robert Young.....Finger, Tennessee

Sophomores, 1954-55

Jerry Adcock.....Springfield, Tennessee
Margaret S. Alexander.....Parsons, Tennessee
William Guy Allison.....Greenfield, Tennessee
Yvonne Marie Appleton.....Milan, Tennessee
Kathryne Cornell Argo.....Ridgely, Tennessee
Joe A. Arnold.....Lexington, Tennessee
Caris William Ashcraft.....Dyersburg, Tennessee
Warren Gibbons Banks.....Memphis, Tennessee
Dan William Barger.....Milan, Tennessee
William F. Bateman.....Memphis, Tennessee
Norman Hayes Beard.....Gates, Tennessee
William Bernard Bible.....Jackson, Tennessee
William Jesse Bickers.....Ripley, Tennessee
Mary Jo Blalack.....Brighton, Tennessee
Arnold Burdette Blewer.....Dexter, Missouri
Charles Ray Boggan.....Jackson, Tennessee
Hazel Bondurant.....Fulton, Kentucky
Robert Andrew Brown.....Rutherford, Tennessee
Jerome F. Browne.....Memphis, Tennessee
Billy Charles Butler.....Jackson, Tennessee
Jessie Baker Byrum.....Bemis, Tennessee
Mary Evelyn Claybrook.....Trenton, Tennessee
Robin Thornley Coffman.....Ripley, Tennessee
Margaret P. Cole.....Jackson, Tennessee
Myrna Cole.....Somerville, Tennessee
Bevley Ray Coleman.....Medina, Tennessee
Maurice Devon Coleman.....Medina, Tennessee
William Robert Cordle.....Covington, Tennessee

Charles Donald Cowan ..... Jackson, Tennessee
Dorothy Ellen Cox ..... Branson, Missouri
Jesse Lynn Criswell ..... Dyersburg, Tennessee
Morris E. Crocker ..... Jackson, Tennessee
James D. Crocker ..... Jackson, Tennessee
Bobby Charles Crowell ..... Jackson, Tennessee
Elbert Lee Daugherty, Jr. ..... Campbellsville, Kentucky
William A. Davie ..... Raleigh, Tennessee
Mary Elizabeth Dellinger ..... Altamont, North Carolina
James Royce Dennison ..... Jackson, Tennessee
Guillermo Juan Diaz ..... Cuba
Eldon D. Dukes, Jr. ..... Jackson, Tennessee
William Roy Dunning ..... Memphis, Tennessee
Velma June Elam ..... Jackson, Tennessee
Don Lee Farmer ..... Bradford, Tennessee
George Ralph Fisher ..... Bemis, Tennessee
Sylvia Amelia Fulmer ..... Rockdale, Texas
Kent Calvin Gardner ..... Jackson, Tennessee
James David Gass ..... Jackson, Tennessee
Billy Frank Hammonds ..... Jackson, Tennessee
Eugene Ray Hardy ..... Memphis, Tennessee
Jerry Wade Horner ..... Dyersburg, Tennessee
Hawthorne Hurst ..... Henderson, Tennessee
Sara Ann Hurt ..... Kenton, Tennessee
Ted Janes ..... Paris, Tennessee
Ray Jernigan ..... Hornsby, Tennessee
Clarence Hilliard Johnsey, Jr. ..... Jackson, Tennessee
Marian Charlton Johnson ..... Jackson, Tennessee
Nora Jane Kelly ..... Jackson, Tennessee
Sara Ann Kyle ..... Blue Springs, Mississippi
Albert Judson Lambert ..... Memphis, Tennessee
Martha Ann Lanier ..... Brownsville, Tennessee
Annie Louise Ledbetter ..... Obion, Tennessee
Shirley Ann Linder ..... Jackson, Tennessee
Sammy Ballard Lowry ..... Camden, Tennessee
Leonard Allen Loyd ..... Jackson, Tennessee
Frances Deming Lyons ..... Memphis, Tennessee
Lena Margaret McDonald ..... Doyle, Tennessee
James M. McKissack ..... Jackson, Tennessee
Joyce Blanche McNamara ..... Millington, Tennessee
Alice Elizabeth Mann ..... Bemis, Tennessee
Bettye Lynn Manner ..... Milan, Tennessee
Justine Moore ..... Parsons, Tennessee
Mary Evelyn Moore ..... Greenfield, Tennessee
Sidney Williford Moore ..... Memphis, Tennessee
Edwin Eugene Morgan ..... Jackson, Tennessee
Jerry Nichols ..... Dyersburg, Tennessee
William Edward Noblett ..... Memphis, Tennessee
Huston R. Northcutt ..... Ripley, Tennessee
James Arthur Nowell ..... Oakfield, Tennessee
Ann Sheridan Only ..... Jackson, Tennessee
Howard Wade Paris ..... Atlanta, Georgia
James Marion Parrish ..... Medina, Tennessee
Edsel Dayl Pate ..... Bradford, Tennessee
Henry Dawson Phillips ..... Jackson, Tennessee
Virginia Rhea Pinkley ..... Bruceton, Tennessee
Clovis Bryan Potts ..... Lexington, Tennessee
John E. Powers, Jr. ..... Jackson, Tennessee
William A. Putman ..... Finley, Tennessee
Jerome Clifford Richardson ..... Jackson, Tennessee
Sandra Clarice Roberts ..... Memphis, Tennessee
John Walter Rose ..... Ripley, Tennessee

Eileen Rufener ..... Lisbon, Ohio
Doris Nell Rumage ..... Humboldt, Tennessee
Shirley Saunders ..... Eagle Creek, Tennessee
Ila Pearl Shaw ..... Chattanooga, Tennessee
Mary Anne Shearin ..... Hickory Valley, Tennessee
Bryan Winfred Sherman ..... Brownsville, Tennessee
Barbara Ann Siler ..... Jackson, Tennessee
Charles Raymond Simpson, Jr. ..... Raleigh, Tennessee
Dorothy Aurene Simpson ..... Bronwsville, Tennessee
Virgillia Belle Skinner ..... Millington, Tennessee
Rose Marie Slover ..... Covington, Tennessee
Janice Ann Smith ..... Jackson, Tennessee
Norris Everett Smith ..... Memphis, Tennessee
Shirley Faye Smith ..... Toone, Tennessee
William Oliver Smith ..... Jackson, Tennessee
Bernard Don Sorrell ..... Corinth, Mississippi
Dovey E. Stafford ..... Mason, Tennessee
Joyce Stallings ..... Brownsville, Tennessee
Robert Eugene Stephens ..... Millington, Tennessee
Joe Ray Swaim ..... Brighton, Tennessee
Helen Ruth Swain ..... Cordova, Tennessee
Sandra Ruth Taylor ..... Sharon, Tennessee
Bonnie Sue Thomas ..... Jackson, Tennessee
Ralph Edsel Thomas ..... Jackson, Tennessee
Rita Jean Tillman ..... Jackson, Tennessee
Bobby Lee Todd ..... Palmersville, Tennessee
William Albert Traughber ..... Paducah, Kentucky
Sylvia LaClaire Vise ..... Memphis, Tennessee
Wanda Jean Warren ..... Memphis, Tennessee
Oliver Eugene White ..... Jackson, Tennessee
E. E. Willis ..... Memphis, Tennessee
Harold A. Wilson ..... Buchanan, Tennessee
Sylvia Lucille Wilson ..... Jackson, Tennessee

Freshmen, 1954-55

Raymond Glenn Abernathy ..... Memphis, Tennessee
June Dowdy Abney ..... Jackson, Tennessee
Mary Caroline Allcock ..... Melber, Kentucky
Jayne Arnold ..... Finley, Tennessee
Jesse Franklin Barnett ..... Jackson, Tennessee
Maxine Baldwin ..... Pocahontas, Tennessee
Richard Leslie Beare ..... Jackson, Tennessee
Robert Neal Benson ..... Pinson, Tennessee
Robert Lewis Black ..... Milan, Tennessee
Elmer Dolphus Blackmon, Jr. ..... Jackson, Tennessee
Gerrald D. Bland ..... Dresden, Tennessee
Patsy June Blankenship ..... Memphis, Tennessee
Patricia Raye Bowman ..... Jackson, Tennessee
Erby Odean Bradfield ..... Wildersville, Tennessee
James Robert Brandon ..... Frankfort, Kentucky
Clyde Ray Briggs ..... Jackson, Tennessee
Ann Marie Brigham ..... Memphis, Tennessee
Charles Barrie Bright ..... Memphis, Tennessee
C. W. Bryant ..... Memphis, Tennessee
Roger Aubrey Bullard ..... Memphis, Tennessee
Thomas Gray Buntin ..... Jackson, Tennessee
Ray Levon Carpenter ..... Florence, Alabama
Charles O'Neal Carroll ..... Pittsburg Landing, Tennessee
James Smithton Carter ..... Jackson, Tennessee
Arthur Morris Carver ..... Jackson, Tennessee
Jerry Neal Chatham ..... Humboldt, Tennessee

Rosemary Chessor.....Jackson, Tennessee
Margaret Loudean Clark.....Raleigh, Tennessee
Geraldine Clift.....Atlanta, Georgia
Carolyn Marie Cook.....Dyersburg, Tennessee
William Copeland.....Adamsville, Tennessee
Martha Ellen Cottrell.....Lexington, Tennessee
Mary Lou Coughlin.....Jackson, Tennessee
Aaron Barney Cozart.....Pittsburg, Mississippi
Carolyn Fay Crocker.....Jackson, Tennessee
Max Aldon Crocker.....Somerville, Tennessee
Carl Wayne Davenport.....Morrison, Tennessee
Avanette Davidson.....Jackson, Tennessee
Joe Wayne Davis.....Jackson, Tennessee
James Wright Deaton.....Jackson, Tennessee
Donald Edward Dillingham.....Boaz, Kentucky
Lamar Horner Doss.....Selmer, Tennessee
Charles Richard Dorroh.....Whitehaven, Tennessee
Janice Ann Dotson.....Dyersburg, Tennessee
Eugene Calvin Dudley.....Rector, Arkansas
Ray Emerson.....Memphis, Tennessee
Annette Farley.....Raleigh, Tennessee
James Allen Ferguson.....Fulton, Kentucky
Fred Lee Fiddler.....Wildersville, Tennessee
William Lynn Flack.....Memphis, Tennessee
Emily Flowers.....Medina, Tennessee
Gwendalyn Kay Ford.....Idlewild, Tennessee
Cecil Curtis Freeman.....Whitehaven, Tennessee
William James Hall.....Jackson, Tennessee
James Hal Hart.....Jackson, Tennessee
Gladys Chloe Harvey.....Humboldt, Tennessee
Charles Wesley Hausser.....Jackson, Tennessee
Naomi Boone Hayslip.....Memphis, Tennessee
Edwin G. Hearn.....Jackson, Tennessee
Shirley Ann Hendrix.....Jackson, Tennessee
Carl Wade Holley.....Senath, Missouri
William W. Holmes.....Jackson, Tennessee
Sammy Joe House.....Blytheville, Arkansas
James Paul Hudson.....Jackson, Tennessee
Barbara Ramona Hurst.....Henderson, Tennessee
Don Isbell.....Jackson, Tennessee
Millard Mayfield Jernigan.....Hornsby, Tennessee
Geneva Johnson.....Hornsby, Tennessee
Barbara Ann Jones.....Trenton, Tennessee
Larry O. Jordan.....Selmer, Tennessee
John Allen Kendall.....Jackson, Tennessee
Annice Jean Kidd.....Holly Springs, Mississippi
Alice Gayle Killman.....Millington, Tennessee
Charles Andrew King.....Memphis, Tennessee
Norma Jean Kolwyck.....Medina, Tennessee
Ralph Fred Landers.....Jackson, Tennessee
Elma Dianne Ledbetter.....Counce, Tennessee
Billie Sue Littlejohn.....Stanton, Tennessee
John Henry Lock.....Jackson, Tennessee
Martha Florence Lyon.....Memphis, Tennessee
Billy Ray McIntyre.....Bethel Springs, Tennessee
Ann Louise McMahan.....Ripley, Tennessee
Orville McMahan.....Medon, Tennessee
John David McNatt.....Jackson, Tennessee
James Edward Martin.....Humboldt, Tennessee
Jimmie Lynn Martin.....Bismark, Missouri
John King Meadows.....Lexington, Tennessee
Arthur Franklin Miller.....Millington, Tennessee

Billy Wayne Miller.....Jackson, Tennessee
Larry Hunter Mills.....Bemis, Tennessee
David Benton Moore.....Jackson, Tennessee
Mavis Chloe Moore.....Decaturville, Tennessee
Sheila Morris.....Wickliffe, Kentucky
Carol Augusta Newberry.....Jackson, Tennessee
Wilson Edward Newman.....Gates, Tennessee
Gordon Orrell.....Jackson, Tennessee
Bobby Joe Osborne.....Jackson, Tennessee
Donald Romine Pace.....Jackson, Tennessee
Julia Ann Neal Pattat.....Somerville, Tennessee
Dorothy Lowry Pearson.....Jackson, Tennessee
Arnold McCoy Penuel.....Nashville, Tennessee
Charles Robert Perkins.....Jackson, Tennessee
Guilford Darrell Piercy.....Jackson, Tennessee
Linda Jane Polk.....Bolivar, Tennessee
Sydney Dee Portis.....Jackson, Tennessee
Elbert Millard Prewitt.....Cleveland, Tennessee
Dillard Coleman Rape.....Memphis, Tennessee
Jerry Mack Replogle.....Jackson, Tennessee
Walter Boone Ricks.....Jackson, Tennessee
Marilyn June Robinson.....Mercer, Tennessee
Thomas Doris Robinson.....Denmark, Tennessee
Teddy Frank Rodgers.....Pittsburg Landing, Tennessee
Killian Roever.....Jackson, Tennessee
John Allen Ross.....Jackson, Tennessee
Harold Welton Rowland.....Alamo, Tennessee
Murray E. Sartain.....Water Valley, Mississippi
Charles Raymond Schuler.....Eva, Tennessee
Harold L. Segerson.....Lexington, Tennessee
Lewis Sewell.....Newbern, Tennessee
Sheila Carole Sheppard.....Greenville, Michigan
Billy Joe Sholar.....Mayfield, Kentucky
Carl H. Simmons.....Jackson, Tennessee
Gracie Jewell Smith.....Dyersburg, Tennessee
Jackson B. Smith.....Jackson, Tennessee
Loydell Smith.....Henderson, Tennessee
Reuben Smith.....Bemis, Tennessee
William Jerry Smith.....Jackson, Tennessee
Maurice Stansell.....Jackson, Tennessee
Donna Sue Stegall.....Jackson, Tennessee
Lucille Swofford.....Dyersburg, Tennessee
Charles Millard Tapp.....Memphis, Tennessee
Peggy Jean Taylor.....Humboldt, Tennessee
James Harlan Thomas.....Jackson, Tennessee
Eleanor Carolyn Tisdale.....Whiteville, Tennessee
Katie Merle Traylor.....Meridian, Mississippi
Tolbert Dayton Traylor.....Meridian, Mississippi
Peggy Trevathan.....Memphis, Tennessee
Nancy Carolyn Troutt.....Jackson, Tennessee
William Van den Bosch.....Jackson, Tennessee
Charles Ralph Vailes.....Jackson, Tennessee
Richard Wray Vincent.....Wingo, Kentucky
Gene Max Wade.....Memphis, Tennessee
Mary Janette Walker.....Brownsville, Tennessee
Nancy Carole Wallace.....Friendship, Tennessee
Nancy Ruth Ward.....Rutherford, Tennessee
Julius Guy Warmath.....Humboldt, Tennessee
Harvey Odell Warren.....Bemis, Tennessee
Royce Nevell Watlington.....Memphis, Tennessee
James Robert Watts.....Spring Creek, Tennessee
Mrs. E. L. White.....Medina, Tennessee

Ernest Leonard White.....Medina, Tennessee
Jo Frances White.....Somerville, Tennessee
Robert Boothe White, Jr.....Jackson, Tennessee
Sara Elizabeth White.....Gibson, Tennessee
William Lowry Willette.....Jackson, Tennessee
Bloomer Clifford Williams, Jr.....Jackson, Tennessee
Janie Merrel Williams.....Bells, Tennessee
Katie Fern Williams.....Bells, Tennessee
Clay Richards Wilson.....Jackson, Tennessee
John McCall Wuerpel, Jr.....Jackson, Tennessee
Wilma Ruth Wylie.....Covington, Tennessee
Nora Lou York.....Memphis, Tennessee

Special Students, 1954-55

J. W. Abney.....Jackson, Tennessee
Mary Howell Anderson.....Jackson, Tennessee
Robert Emery Bland.....Jackson, Tennessee
Elizabeth Briggs.....Jackson, Tennessee
Naomi Marion Brown.....Jackson, Tennessee
Beverly Anne Butler.....Jackson, Tennessee
Robert Wayne Campbell.....Jackson, Tennessee
Bobby Francis Cates.....Alamo, Tennessee
Elry Cates.....Jackson, Tennessee
Willard Ray Cayce.....Jackson, Tennessee
Eleanor Kathleen Conner.....Jackson, Tennessee
Dorothy Jo Davie.....Jackson, Tennessee
Velma June Elam.....Jackson, Tennessee
Florence Deweese Elliott.....Jackson, Tennessee
Roy Glenn Elliott.....Jackson, Tennessee
Mary Gentry Ford.....Jackson, Tennessee
Joe Harold Frey.....Water Valley, Kentucky
D. S. Hall.....Jackson, Tennessee
Mary Fudge Hall.....Jackson, Tennessee
Jewel Bradford Hamilton.....Jackson, Tennessee
Marjorie Herron.....Jackson, Tennessee
Patricia Mae Johnson.....Memphis, Tennessee
Guy Curtis Johnson.....Bemis, Tennessee
Eleanor Gay Jones.....Jackson, Tennessee
William Lawrence Jones.....Jackson, Tennessee
Wayne Kiestler.....Bethel Springs, Tennessee
Ann Watson Kilzer.....Jackson, Tennessee
Mary Jean Love.....Jackson, Tennessee
Bobby Brown McWherter.....Jackson, Tennessee
Willie Lee Morton.....Jackson, Tennessee
Jane Powell Neal.....Jackson, Tennessee
Evelyn A. Newman.....Jackson, Tennessee
J. Wilburn Nelson.....Milan, Tennessee
Jimmy Rothwell Noonan.....Dyersburg, Tennessee
Billy Paul Oakley.....Dresden, Tennessee
Betty Joyce Owen.....Old Hickory, Tennessee
Jennie Lou Phillips.....Jackson, Tennessee
Margaret Evelyn Parker.....Jackson, Tennessee
Margaret K. Reynolds.....Jackson, Tennessee
Juanita Williams Reitzammer.....Jackson, Tennessee
Mary T. Spencer.....Jackson, Tennessee
Roy Edgar Stinson.....Jackson, Tennessee
Hiram Franklin Tennyson, Jr.....Bolivar, Tennessee
Mary John Thurman.....Jackson, Tennessee
Emily Kay Tuttle.....Humboldt, Tennessee
Aubrey Blanton Vaughan, Jr.....Jackson, Tennessee
James Thurman Williams.....Jackson, Tennessee

Margie A. Wakefield ..... Jackson, Tennessee
Dorothy Marie West ..... Jackson, Tennessee
Alma Young ..... Enville, Tennessee
Charles Edwin Young ..... Jackson, Tennessee

Extension Students, 1954-55

Annie Joe Anton ..... Memphis, Tennessee
Corinne A. Armstrong ..... Memphis, Tennessee
Ellis M. Ausban ..... Ashland, Mississippi
Hazel Baldwin ..... Memphis, Tennessee
Lloyd Baldwin ..... Memphis, Tennessee
Margaret Eunice Billiter ..... Memphis, Tennessee
Henry Richard Brukardt ..... Memphis, Tennessee
Maurice Oneal Brumbelow ..... Memphis, Tennessee
David Phillip Bumpas ..... Memphis, Tennessee
Lennie Wallace Chappell ..... Memphis, Tennessee
Bobby Frank Conlee ..... Memphis, Tennessee
Edward Franklin Connelly ..... Collierville, Tennessee
Bernice Stone Culbreath ..... Memphis, Tennessee
Anne Elizabeth Dodd ..... Memphis, Tennessee
Verna Louise Dodd ..... Memphis, Tennessee
Rose Mary Dodson ..... Memphis, Tennessee
Sarah Elizabeth Dunbar ..... Memphis, Tennessee
Hazel B. Ewing ..... Memphis, Tennessee
Wilma Inez Floate ..... Memphis, Tennessee
Walter F. George ..... Memphis, Tennessee
James E. Gibson ..... Memphis, Tennessee
Charles Edward Goldman ..... Memphis, Tennessee
Katherine A. Haire ..... Memphis, Tennessee
Elwynn David Havner ..... Memphis, Tennessee
Billy Lewis Hill ..... Memphis, Tennessee
John Raymond Jaggers ..... Memphis, Tennessee
Rufus Curry Johnston ..... Memphis, Tennessee
Lamar E. Lambert ..... Memphis, Tennessee
John William Lipsey ..... Memphis, Tennessee
Lila Ruth Lipscomb ..... Memphis, Tennessee
Mrs. W. J. Lowe ..... Memphis, Tennessee
Jack Edward Maroon ..... Memphis, Tennessee
B. L. Martin, Jr. ..... Memphis, Tennessee
Lotus Palmer Martin ..... Memphis, Tennessee
Mrs. Helen Martin ..... Memphis, Tennessee
Tas Leo Martindale ..... Memphis, Tennessee
Maye Martindale ..... Memphis, Tennessee
Marie Antoinette Matter ..... Memphis, Tennessee
Pauline Elizabeth Mitchell ..... Memphis, Tennessee
Marty Harvey McCommon ..... Memphis, Tennessee
Mary Elizabeth McGlocklin ..... Frayser, Tennessee
Marion Jane O'Neal ..... Memphis, Tennessee
Viola Cypert Parks ..... Memphis, Tennessee
Robert Edward Pearl ..... Memphis, Tennessee
Mathel Pleasants ..... Oakville, Tennessee
Dorothy Jane Powell ..... Memphis, Tennessee
Marjorie Jean Pryor ..... Memphis, Tennessee
Anna Ruth Redden ..... Old Hickory, Tennessee
Doris Mae Reedy ..... Memphis, Tennessee
Naomi B. Sadler ..... Memphis, Tennessee
Laverne Sandy ..... Oakville, Tennessee
Robert P. Scruggs ..... Memphis, Tennessee
Mrs. Irma Scruggs ..... Memphis, Tennessee
Gordon Haley Shaw ..... Memphis, Tennessee
Eugenia Rose Shelton ..... Memphis, Tennessee

Lillian C. Smith	Memphis, Tennessee
Thelma Elizabeth Smith	Memphis, Tennessee
Hiram Ellsworth Soule, III	Memphis, Tennessee
Doris Evelyn Sowell	Memphis, Tennessee
William Ralph Stovall	Memphis, Tennessee
James Edward Tate	Memphis, Tennessee
Wilson David Turner	Memphis, Tennessee
Victor Roy Vaughn	Memphis, Tennessee
Willard Rudolph Wade	Memphis, Tennessee
Carlene L. Wilson	Memphis, Tennessee
Murry Arthur Wood	Memphis, Tennessee
Helen Gray Woodham	Memphis, Tennessee
Vivienne Bowen Wyckoff	Memphis, Tennessee
Elizabeth Dyer Young	Memphis, Tennessee

Enrollment Summary 1954-55

	Men	*Women*	*Total*
Freshmen	109	61	170
Sophomores	74	48	122
Juniors	51	40	91
Seniors	60	57	117
Specials Attending Day Classes	21	29	50
Extension	29	40	69
Total	344	275	619

2.8508

SOUTHERN
MAY 1936
FOUND